YUKON EXPLORATION 1985

1986 OPEN FILE

By

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Preface to Open File

This Open File report contains summaries of exploration work based on reports submitted to the Department for assessment credit by exploration companies. Some of these are amplified by replies to questionnaires sent to exploration companies by the Exploration and Geological Services Division and by response to enquiries of the staff. Each summary has been edited and approved for publication by the company that filed the work. Emphasis in the summaries is on the nature and the results of work done. References to published descriptions of the geology are included.

This Open File is a preliminary release. A final and version, complete with updated mineral occurrence location maps will be released in the near future.

It is recommended that references to this report be made in the following form:

Downing, D.A., Emond, D.S. and Lueck, B. 1986. 1985 Yukon Exploration Reports, Exploration and Geological Services Division, Yukon, Indian and Northern Affairs Canada Open File.

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YUKON EXPLORATION 1985

INTRODUCTION

The Government of Canada manages mineral resources in Yukon and Northwest Territories through the Northern Affairs Program of the Department of Indian Affairs and Northern Development. Within the Program three mineral resource directorates exist based in Yellowknife, Northwest Territories, Ottawa-Hull and Whitehorse, Yukon. This volume is prepared by the Exploration and Geological Services Division of the Mineral Resources Directorate, Yukon.

Yukon Exploration 1985 discusses the geology of Yukon mineral deposits and mineral districts under active investigation. The reports are summaries of exploration work done in Yukon during 1985 by mineral exploration companies. Some previously undocumented work is also included. This volume follows earlier annual Mineral Industry Reports for Yukon published by the Geological Survey of Canada and by the Department of Indian Affairs and Northern Development, and Yukon Exploration and Geology reports also published by the latter.

Summaries of exploration work in this volume are based on reports submitted to the department for assessment credit by exploration companies. Some of these are amplified by replies to questionnaires sent to exploration companies by the Geology Division and by responses to enquiries of the staff. Each summary has been edited and approved for publication by the company that filed the work. The emphasis in the summaries is on the nature and the results of work done. References to published descriptions of the geology are included.

The geological, geochemical and geophysical reports accepted for credit as assessment work by the Department of Indian Affairs and Northern Development may be of interest to exploration geologists. An index to mining assessment reports, including those that are confidential and those available for inspection, is published by the department. Assessment reports are released for public inspection six months after the claims (on which the work was carried out) have lapsed.

EXPLORATION AND GEOLOGICAL SERVICES DIVISION

SERVICES

The Geology Division sells topographic, geological, aeronautical, and land use maps, as well as Geological Survey of Canada publications, covering Yukon and adjacent parts of B.C., and the N.W.T. A library of G.S.C., B.C. Dept. of Mines, U.S. federal and Alaska state government geological publications, and geological texts and journals is available for consultation. Open file reports of the Geological Survey of Canada that concern Yukon are available for viewing. Partial air photo coverage of the Yukon from latitude 60° to 65°N is available for consultation in the office. For those wishing more informtion, or to order air photos, a complete set of air photo microfiche as well as the most recent catalogue of Yukon from the National Air Photo Library is available for viewing at Energy, Mines and Resources, Surveys and Mapping, Room 208, 204 Range Road (the building next door).

The H.S. Bostock Core Library, across the street from the Geology Division, contains drill core from Yukon mining properties. Some core is available for inspection and some is confidential (an up-to-date listing is included in this report). The core library contains working quarters equipped with diamond saws, a core splitter, rock staining facilities and fume hood. A petrographic microscope with capability for transmitted and reflected light, and a binocular microscope are also situated in the Core Library. The Geology Division has the following technical equipment: McPhar Spectra 44 (four channel) gammaray spectrometer, ultraviolet lamps and two GR- 0 A scintillometers. The equipment and instruments are available for use by industry personnel in the Core Library by arrangement with core librarian.

ACKNOWLEDGEMENTS

This report stems from the Geology and Drafting groups of the Northern Affairs Program in Whitehorse. It is an ongoing annual event which essentially starts as soon as the last one is ended. Much of the information is gathered from the mining and mineral exploration industry and their cooperation and assistance are gratefully acknowledged.

Drafting Services Section provided the N.T.S. maps as well as the figures in this report. Their standard is excellent work and is much appreciated.

1985 YUKON MINING AND EXPLORATION OVERVIEW

BY

STAFF

MINERAL RESOURCE DIRECTORATE,
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DEPARTMENT OF INDIAN AFFAIRS AND
NORTHERN DEVELOPMENT

INTRODUCTION

Continued modest production of silver, lead and zinc from high grade veins and gold-silver from creek placer mines characterized Yukon mining in 1985. Yukon metal production in 1985 was silver: 46.7 million grams, lead: 1.6 million kg, zinc: 55 thousand kg and raw placer gold (according to royalty records): 3.05 million grams.

MINING AND DEVELOPMENT

Six hardrock mining operations, employed 303 people during 1985. United Keno Hill's 12 mining operations at Elsa (105 M 14) employed 184 people producing 67,685 tonnes of ore. Milling operations turned out 40.3 tonnes silver, 960 tonnes lead and 55 tonnes zinc.

Archer, Cathro and Associates (1981) Ltd., on a lease from United Keno Hill Mines Ltd., high graded the Shamrock (105 M 14). Approximately 313.3 tonnes of galena grading 8914 g/t silver was mined from crown pillars on surface over old workings.

Springmount Operating Company mined 68 tonnes high grade silver, lead, zinc ore from the Mt. Keno mine (105 M 14).

In the Rogue and Hess River area, Dawson Eldorado Gold Exploration Ltd. carried out open pit mining on the PLATA and INCA claims (105 N 9, 105 O 12). The company made three ore shipments totaling 907 tonnes with an average grade of 3950 g/t Ag and 65% Pb. Surface exploration work included drilling, blasting and trenching; underground, a crosscut and drilling were completed from the Plata #2 adit.

Canamax Resources Inc. bulk sampled the Peel zone of the KETZA property (105 F 9) from a 407 m adit driven above the Ridge zone into the Peel.

The Cyprus Anvil mine at Faro (105 K 6) did not operate during 1985 and actually was mothballed during the summer and fall. Negotiations took place between Dome, the federal and territorial governments, Curragh Resources and other relevant groups in order to effect a sale to Curragh and reopening of the mine. The sale was made in November 1985 and production of concentrate is expected in spring 1986.

1985 YUKON MINING AND DEVELOPMENT SUMMARY

OPERATOR	MINES	PEOPLE (#)	PRODUCTION (tonnes)		MILLED(kg)		SURFACE DRILLING		UNDERGROUND	UNDERGROUND DEVELOPMENT	
				Ag(gm)	Pb(kg)	Zn(kg)	Diamond	Percussion	DRILLING	Horizontal	Vertical
ERICKSON	Mt. Skukum	55	0	0	0	0	0	0	0	1052.5	542.9
SPRINGMOUNT	Mt. Keno	3	68	0	0	0	0	0	0	0	0
UKHM	Husky Ruby Silver King Bermingham Sime & 35 Miller Hector Elsa Calumet 1&15 Blackcap Bellekeno Lucky Queen	184	67,685	40,283,739	959,686	54,597	8,653.9	180.4	1,819.4	223.3	0
DAWSON ELDORADO	Plata & Inca	18	907	3,584,275	589,680	0	394.6	0	362.5	757.1	0
ARCHER CATHRO	Shamrock	7	313	2,792,756	0	0	0	0	0	0	0
CANAMAX	Ketza	36	0	0	0	0	0	0	0	407	0
TOTAL		303	68,973	46,660,770	1,549,366	54,597	9,048.5	180.4	2,181.9	2,439.9	542.9

EXPLORATION ACTIVITY

An estimated $10-12 million was spent on exploration in Yukon during 1985 - about the same level as the previous two years. However, including peripheral projects near the Yukon border such as Cantung, Midway and Windy Craggy, an estimated $20-$25 million was spent on exploration and development (about the same level as 1984).

The total quartz claims in good standing, 44,334 is down from 47,475 last year with 5,097 new quartz claims staked during 1985. The most active areas this year were in the Rancheria area (105 B SE), Wheaton River Valley (105 D SW), the Ketza River area (105 F), and the Mt. Nansen/Mt. Freegold area (115 I). Exploration in all of these locations was for precious metals.

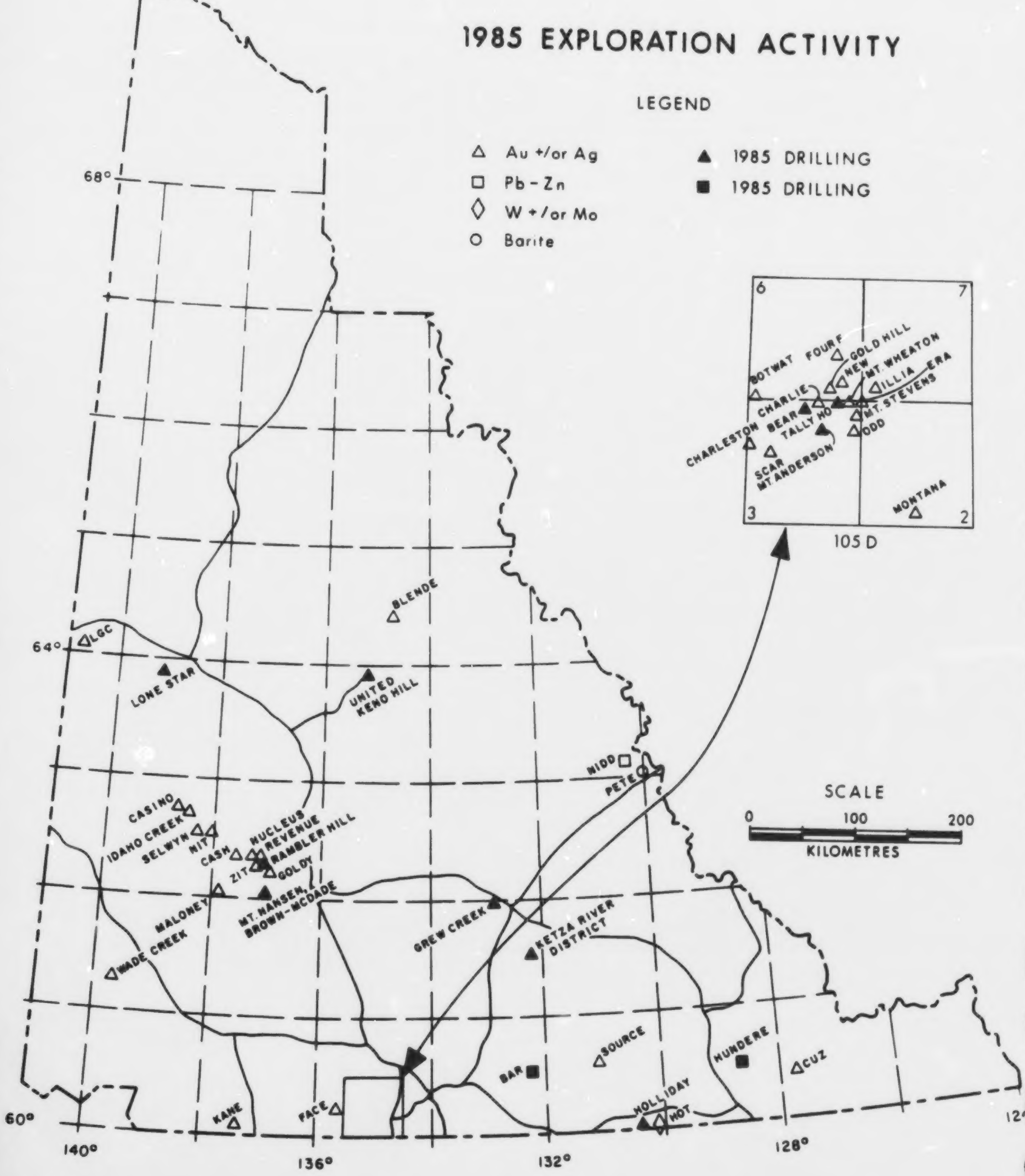
Yukon saw the growth of several camps in 1985 and their exploration scenarios unfolded in a predictable way. Typically, a small high grade precious metal deposit was discovered a few years ago and now in 1985, it is undergoing underground development and serious reserve drilling while in the general surrounding area, a flurry of junior mineral exploration company activity and prospecting is taking place. To wit, auriferous quartz veins of Eocene age are being evaluated in the Skukum-Wheaton River-Montana Mountain area southwest of Whitehorse. Certainly, at Mount Skukum a deposit has been proven and production is expected this winter.

The Dawson Range is host to similar vein mineralization of Cretaceous age, probably associated with the Mount Nansen volcanics. Chevron has sponsored underground exploration of the Brown-McDade epithermal vein system at Mt. Nansen and also the porphyry breccia complexes at Freegold Mountain, Casino and Revenue Creek. These deposits may have potential as heap leachable gold prospects.

Massive sulphide veins and mantos have been explored for throughout the mixed carbonate-clastic sequences in SE Yukon. In contiguous northernmost BC, the Midway deposit received further underground evaluation of its rich silver-zinc-lead mineralization. A bit to the north in adjacent Yukon, the CMC vein was the object of much surface and drill evaluation by Silver Hart. The Mt. Hundere Ag-Zn-Pb replacement body north of Watson Lake had its tonnage increased through diamond drilling by Canamax and further to the northwest, the Ketza River gold deposit was the object of underground exploration and its reserve figure was significantly added to by Canamax.

The south side of Tintina Trench, west of Ross River at Grew Creek is host to a Tertiary(?) ash flow that is locally silicified, argillized and mineralized with gold. The 'no see um' gold prospect was the object of much work by Hudson Bay Exploration and Development this year.

The information below was compiled strictly from non-confidential Summary of Exploration and Development Work 1985 forms completed by companies doing exploration and development work in Yukon. Entries are listed in NTS sequence within the commodity groupings: Gold, Silver (Lead, Zinc); Lead, Zinc (Silver); Tungsten, Molybdenum; and Barite.



1985 EXPLORATION ACTIVITY

LEGEND
△ Au +/or Ag
□ Pb - Zn
◇ W +/or Mo
○ Barite
▲ 1985 DRILLING
■ 1985 DRILLING
68°
64°
60°
140°
136°
132°
128°
LGC
LONE STAR
BLENDE
UNITED KENO HILL
NIDD
PETE
CASINO
IDAHO CREEK
SELWYN
NIT
CASH
ZIT
NUCLEUS
REVENUE
RAMBLER HILL
GOLDY
MT. NANSEN, BROWN-MCDADE
MALONEY
WADE CREEK
GREW CREEK
KETZA RIVER DISTRICT
SOURCE
BAR
HUNDERE
CUZ
KANE
FACE
HOLLIDAY
HOT
6
7
3
2
BOTWAT
FOUR F
GOLD HILL
NEW
MT. WHEATON
ILLIA
ERA
CHARLIE
CHARLESTON
BEAR
TALLY HO
MT. STEVENS
ODD
SCAR
MT. ANDERSON
MONTANA
105 D
SCALE
0
100
200
KILOMETRES

Explanation of Abbreviations

WLK	Watson Lake	D	drilling	Pr	prospecting
WH	Whitehorse	G	geology	Bl	blasting
DAW	Dawson	GC	geochemistry	Str	stripping
MAYO	Mayo	GP	geophysics	recon	reconnaissance
		TR	trenching	cls	claims
		DD	diamond drilling	rot/perc	rotary/percussion
		MAG	magnetic	str lnth	strike length
				RdBldg	road building

GOLD, SILVER (LEAD, ZINC)

Property Name (Claims)	Company Name	NTS	Mining District	Type of Work	Comments
CUZ	Kidd Creek Mines Ltd.	95 D 5	WLK	G (CUZ 11-14, 1: 1000), GC (CUZ 11-14, grid soil, rock chip), GP (VLF, IP)	Interbedded quartzite and phyllite of the Grit Unit host quartz veinlets and fracture zones which carry disseminated pyrite and low gold values. Stratigraphy was defined - Grit Unit. Archer, Cathro & Assoc. (1981) Ltd.'s soil results were confirmed. Lithogeochemistry indicates surface enrichment of gold in soils.
AG (JACK)	Claymore Resources Ltd. (OP), J. Trace (O)	105 B 1	WLK	G (recon Au), GC (100 m soil grid, Ag, Pb, Zn, Cu), TR (DANE, AG cls, value $8000.00)	Veins and vein systems - massive galena with some chalcopyrite. Assays 2400 to 5828 g/t Ag over up to 45.72 cm. Trenching based on geochemistry yeilded 4 parallel gold veins. Significant quantities of strontianite (crystals up to 0.91 m) found in float on northeast portion of claim block.
MEISTER	Regional Resources Ltd.	105 B 1,8	WLK	TR	
HOLLIDAY (TONI)	United Keno Hill Mines Ltd. (W), B. Poulin (O)	105 B 2	WLK	D (perc, 121.9 m)	Galena-tetrahedrite-sphalerite vein in Cassiar Batholith
LOGAN	Regional Resources	105 B 7,8, 9	WLK	G, GC	
SOURCE (GRA, VEL, SHA)	Shakwak Exploration Co. Ltd. (W), Archer, Cathro & Assoc (1981) Ltd.	105 B 11	WLK	Pr, G (recon), GC (soil, rock), Bl, TR (hand, 21 trenches)	Galena-tetrahedrite vein in Lower Cambrian limestone and phyllite
MONTANA (NYAC)	Shakwak Exploration Co. Ltd.	105 D 2	WH	G (recon), GC (rock, soil, silt)	
ODD (MAX)	Shakwak Exploration Co. Ltd. (W), AGIP Canada Ltd. (O)	105 D 2,3	WH	G, GC (rock, soil), GP (VLF & EM surveys)	
MT. ANDERSON (TAM)	Noranda Exploration Co. Ltd. (NPL) (W) Sanfred Resources (O)	105 D 3	WH	G (TAM, 1:10,000), GC (TAM, soil, grid lines 100 m apart, 25 m intervals), GP IP, MAG & VLF surveys), TR, D	Au-Ag-Pb-bearing galena-pyrite-quartz veins with associated andesite dykes cut the basement Coast Range granodiorite Thesis at U. of Alberta by D. Bull, Alteration & vein mineralogy

Property Name (Claims)	Company Name	NTS	Mining District	Type of Work	Comments
SCAR	Noranda Exploration Co. Ltd. (NPL)	105 D 3W	WH	G (SCAR, 1:10,000, 1:5000 Pr, GC (silt, pan conc, talus fines, rock)	High level Tertiary rhyolite plug thought favourable for Au-Ag-Sb vein deposits similar to that of the Mt. Skukum Deposit
ERA	Barker Creek Placer Exploration Corp.	105 D 3	WH	G (recon), GC (ERA 1-20, soil, 50 m grid, 32.4 line-km), GP (ERA 1-20, 32.4 km Mag survey at 25 m intervals)	The ERA claims include the contact of two Late Cretaceous granodiorite bodies with Cretaceous volcanic rocks of the Hutshi Group. Several zones anomalous in gold and silver have been identified by geochemical and geophysical surveys and have been targeted for further exploration including trenching and detailed geological mapping.
GLENLIVET	Kerr Addison Mines Ltd.	105 D 3	WH	G (all claims, 1:10,000), GC (all (all claims by irregular traverse, Au, As, Ag, Sb, Ag, rock sampling.	Strong alteration zones in Mt. Skukum volcanic rocks host sparse, weakly anomalous values in gold and silver. Four alteration zones were delineated and sampled.
CHARLESTON (Charleston Crown Grant, HO)	Shakwak Exploration Co. Ltd. (W,O), D. Watson (O)	105 D 3,4	WH	GC (rock)	
EARL	Kerr Addison Mines Ltd.	105 D 4	WH	G (EARL 1-32, 1:10,000), GC (most claims by irregular traverse, Au, As, Sb, Hg, Ag, rock sampling)	Several trains of gold-silver anomalous quartz float are underlain by basement metamorphic rocks. Quartz float trains were delineated and sampled.
CHARLIE	Shakwak Exploration Co. Ltd.	105 D 3,6	WH	G (recon), GC (rock, soil)	Skukum Group rhyolite and andesite dykes intrude Cretaceous granodiorite
BEAR (BEAR, CUB)	Shakwak Exploration Co. Ltd. (W,O), AGIP Canada Ltd. (O)	105 D 3,6	WH	G (BEAR 13,15, 16,18,33 cls.), GC (rock, soil), GP (IP & Resist surveys), D (perc) planned for Nov/85	Extensive alteration zone in Skukum Group volcanic rock.
MT. STEVENS, MT. WHEATON (Crown Grants, BUFFALO,NOT, WHEATON)	Tally Ho Exploration Ltd. (O), Euro Petroleum & Permian Resources (F)	105D 2,3	WH	G (recon), GC (rock, soil), TR (bulldozer, 9 trenches)	
LATER	Kerr Addison Mines Ltd.	105 D 5	WH	G (LATER 13-18, 21,23,25, 1:5000, local 1:500), GC (LATER 13-18,21, 23,25, soil, Au, As, Sb, Ag, Hg, 17 km grid, intensive float and outcrop chip sampling), GP (LATER 13-18,21, 23,25, VLF-EM), TR (minor at 4 sites)	Anomalous gold and silver are present in silicified metasedimentary rocks (as float) and in sericitized and locally silicified Mt. Skukum rhyolite pyroclastic rocks. Several strongly amonalous zones were delineated

Property Name (Claims)	Company Name	NTS	Mining District	Type of Work	Comments
TALLY HO (TH, TALLY HO, Crown Grants)	Tally Ho Exploration Ltd.	105 D 3	WH	GC (rock, soil), D (rotary, planned for Nov.)	
FACE	Noranda Exploration Co. Ltd. (NPL)	105 D 5	WH	G (1:5000), Pr, GC (rock, silt, pan conc, talus fines)	High level Tertiary rhyolite, plug
BOTWAT	Rockridge Mining Corp.	105 D 6W	WH	GC (30 cls., 102 soil widely spaced, 20 rock)	Mainly Mt. Skukum volcanic complex (assemblage of felsic epiclastic and flow rocks intruded and/or overlain by spherulitic and brecciated felsic flow rocks and intrusions. Property mostly covers Coast Plutonic Complex. Two soil samples have anomalous gold contents (38 & 194 ppb) and one rock sample contains minor gold (0.857 g/t Au)
FOUR-F	Barker Creek Placer Exploration Corp.	105 D 6	WH	G (recon), GC (29 soil samples, 57 rock samples)	Principal rock units on the property are quartzite, greywackes and conglomerates of the Lower Jurassic Laberge Group, andesitic, basaltic and volcaniclastic rocks belonging to either the Lewes River or Hutshi Groups. These units are intruded and locally hornfelsed by granitic and rhyolitic intrusions of Mid Cretaceous and Early Tertiary age, andesite and rhyolite dykes. Andesite dykes are of unknown age, probably Cretaceous or Tertiary, whereas rhyolite dykes seem related to one of the last stages of Skukum Group volcanic activity. Mapping has located rhyolite dykes. Soil sampling has yeilded values as high as 200 ppb Au, 4600 ppm Zn, 3000 ppm Pb, 820 ppm Cu, 900 ppb Hg, 47 ppm Ag and 300 ppb As. Rock geochemistry has yielded values as high as 320 ppb Au, greater than 50 ppm Ag, 200 ppm Cu and 400 ppm As.
NEW	Barker Creek Placer Exploration Corp.	105 D 6	WH	G (NEW 16-39), GC (NEW 16-39, rock, analyzed for Au, Ag, Cu, Pb, Zn)	The NEW claims cover an area where a Late Cretaceous quartz monzonite body and an Eocene rhyolite body intrude Jurassic and Cretaceous volcanic and sedimentary rocks. Targets for further exploration have been identified. Gold/silver values have been obtained in rhyolite on Folle Mountain. A further program of mapping and sampling is scheduled for the 1986 field season.
GOLD HILL (CR, SR, NEIL, HILL DAIL, etc.)	Tally Ho Exploration Co. Ltd. (O), Euro Petroleum & Permian Res. (F)	105 D 6	WH	G (most cls. recon), GC (rock, soil), GP (VLF, EM surveys), TR (12 bulldozer trenches)	

Property Name (Claims)	Company Name	NTS	Mining District	Type of work	Comments
SAID, THE	Kerr Addison Mines Ltd	105 D 6,3	WH	G (SAID 11-16,20-22, THE 7,9,10, 7 Fr., 17-19, 1:10,000, locally 1:1000), GC (soil, Au, Ag, As, Sb, Hg), GP (VLF-EM), TR (minor pionmaar)	Short, coherent trains of "high-level" quartz float occur over a 3 km strike length, hosted by Mt. Skukum volcanic rocks). Quartz trains proved to be sporadically anomalous in gold, non-anomalous in silver, arsenic, antimony.
ILLIA (RYE)	Noranda Exploration Co. Ltd. (NPL)	105 D 7W	WH	G (1:10,000), Pr, GC (helicopter stream sampling, silt, pan conc, rock, soil, talus fines)	Lewes River Group & Laberge Group sedimentary rocks are overlain by the Hutshi volc/sed rock package. Cretaceous granodiorite occurs at the south end of the property.
WHITEHORSE COPPER	Hudson Bay Exploration & Development Co. Ltd.	105 D 10, 11,14	WH	DD (MAC 7, 1 hole, 140.82 m, May/85; 2 holes planned in Nov/85 for 243.84 m), D (3 rot holes planned in Nov/85 for 228.60 m)	Copper-bearing skarns in Lewes River sedimentary rocks on contact of Cretaceous quartz diorite. Diamond drill hole on MAC 7 intersected 0.76 m of 0.42% Cu. Remainder of work planned for Nov/85.
KETZA RIVER, STUMP, HOEY, LAP 10 (OK, A, B, C, D, CAMP, GEM, AL, BUD, SADDLE, DUB, HOPE, PETE, RAIN)	Canamax Res. Inc.	105 F 9	WLK	G (1:5000), GC (OK, A, CAMP, AL & GEM cls, 1000 soil on 30 m spaced lines), GP (OK, A, CAMP, IP survey), TR (OK cl, backhoe & cat), DD (8 NQ holes - 781.5 m: OK cl - 4 holes, (442.0 m); A 5 cl - 2 holes (182.5 m); GEM 4 cl - 2 holes (157.0 m)	Ag-Pb veins hosted in U. Cambrian to Devonian rocks Several GC & GP anomalies in areas of promising geology were tested with diamond drilling. No economic mineralization encountered.
BOOM (KON), KOPINEC, OXO (KON claims)	Ketza River Mines Ltd.(O), Canamax Res. Inc. (F), Pacific Trans-Ocean Res. Ltd. (F)	105 F 9	WLK	G (KON, 1:2000, 1:500), GP (airborne EM-MAG, Aerodat Ltd., minor grid resisttivity survey), DD (59 NQ holes, 6156.96 m NQ), Underground (adit, Peel and Ridge Zones, 396.24 m)	Pipes and mantos of auriferous massive sulphides and iron oxides hosted in Cambrian limestone. Delineation of new oxide and sulphide reserves.
RAN	Regional Resources Ltd.	105 F 9,10	WLK	G, GC	
MOX	Hudson Bay Exploration & Development Co. Ltd.	105 F 11	WH	G (MOX 4,6,23,25, 27, 1:2500), TR (MOX 25, hand, 25 m^3)	Sphalerite and galena in calc-silicate rock along contacts of Cretaceous acid intrusions.
GREW CREEK (CANYON, GRAND)	Hudson Bay Exploration & Development Co. Ltd. (OP), A. Carlos (O)	105 F 15, 105 K 2,3	WH	G (all cls - 1:12,500, mineralized area - 1:200, 1:500, 1:1000), GC (soil, rock), GP (extension Grew Ck grid & GRAND cls - Mag & VLF-EM), TR (CANYON cls, 17 cat trenches, 500 m^3), D (rot/perc - 1660 m), DD (CANYON 1-36)	Banded chalcedony veining and stockwork in silicified and clay-altered Tertiary felsic tuffs. DD to continue until end of Oct/85.

Property Name (Claims)	Company Name	NTS	Mining District	Type of work	Comments
UNITED KENO HILL	United Keno Hill Mines Ltd.	105 M 13, 14	MAYO	GP (completion of report - analysis DIGHEM III survey 1984), TR & Str (Hector-Calumet No. 3 & 4 Veins (304.8 m str lnth) & Coral Wigwam Vein (213.4 m str length), D-9 cat & backhoe), D (PREMIER-, DIXIE-, HECTOR-CALUMET-, LUCKY QUEEN-, BLACK CAP- & SILVER KING-Grids, rot/perc 5.08 cm, 177 holes, 8020.81 m)	Hydrothermal fault controlled vein system in metasedimentary rocks. Ph. D. Thesis, G. Lynch (underway), U. of Alberta - Mineral Zoning in the Keno Hill Camp
SHAMROCK	Archer Cathro & Assoc (1981) Ltd. (F), United Keno Hill Mines Ltd. (O)	105 M 14	MAYO	Mining	Complex series of fractures typical of transvers fault systems in the Keno Hill area hosts silver-lead mineralization comprizing argentiferous galena. Approximately 313.3 tonnes of galena grading about 8914 g/t Ag was mined from crown pillars on surface over old workings. The ore was shipped by truck to the Cominco smelter at Trail, B.C.
TOM	Hudson Bay Exploration & Development Co. Ltd.	105 O 1	WLK	TR (TOM 170, cat, 1300.5 m^3)	Stratiform zinc-lead-barite in argillite, part of submarine fan complex within Lower Earn Group (U. Devonian). Bedrock in two trenches not reached. Soils gave values up to 62 ppm Pb, 86 ppm Zn, 1.3 ppm Ag and 2600 ppm Ba.
BLENDE (BLENDE 16-88)	Canadian Nickel Co. Ltd.	106 D 7	MAYO	G (1:10,000), GC (rock)	Narrow (2-5 cm wide), E-W trending structures cutting Helikian dolomite are filled with dolomite and minor Pb-Zn and occur on strike and east of No. 5 Zone on BLENDE 1-15 cls held by Archer Cathro & Assoc Ltd. No economic mineralization was found.
KANE (TUF)	Everest Res. Ltd. (O,F), Northern Horizon Res. Corp. (O)	115 A 3	WH	G 1984/85 (TUF 1-32), GC (TUF 1-4, 50 m grid), GP (VLF-EM, 80.46 km), Str. (TUF 1-4), TR, Landsat imagery	Showing consists of a number of small en echelon silver-lead-zinc bearing quartz lenses within an altered Tertiary quartz porphyry dyke that cuts Cretaceous granodiorite. The lenses are arrayed in two or three parallel zones.
Dawson Range	Kerr Addison Mines Ltd.	115 I	WH	G (recon., 1:50,000, prospecting of pre-selected small target areas, 80 field person days), GC (recon., 275 samples - mostly rock, Au, Ag, As, Sb)	Result was staking of SHADOW (115 I 5, 115 J 8), SIZZLER (115 J 16) and ONLY (115 I 3) claims.

Property Name (Claims)	Company Name	NTS	Mining District	Type of work	Comments
WADE CK (WADE)	Noranda Exploration Co. Ltd. (NPL)	115 G 5	WH	G (1:5000), Pr, GC (rock, silt, pan conc, talus fines)	Station Creek volcanic rocks, Triassic greenstones and Nikolai greenstones are overlain by the Amphitheatre Fm. of Oligocene-Miocene age.
MT. NANSEN, BROWN-MCDADE	Archer Cathro & Assoc (1981) Ltd., Chevron Canada Res. Ltd. (F), B.Y.G. Natural Resources Inc. (O)	115 I 3	WH	GC (6500 soil samples, Au, 30 element ICP), GP (1/4 of property EM-16, 30 line-km), TR (45 trenches with Insley H1000 & Cat 225 Excav, 8 linear km), D (17 rot/perc holes, 1284 m), DD (Brown-McDade, 6 holes, 638 m; Webber, 6 holes, 312 m)	Siliceous, sulphide-bearing epithermal veins. Brown-McDade trenching and drilling produced values up to 5.76 g/t Au over 24.0 m from one trench & 8.47 g/t Au over 32.0 m in another trench.
DIVIDE (VIC, VG)	Kerr Addison Mines Ltd. (Option), G. Dickson (O)	115 I 3	WH	G (cursory mapping of old trenches), GC (VIC 7,9,11, 13,23-30, soil - 14 line-km on 25 m x 100-200 m, rock, Au, As, Sb, Ag)	High grade gold-bearing bull quartz float is present in trenches overlying a syenitic granite (probably Jurassic). Float distribution was studied in detail to throw light on possible suboutcropping sources. Soil sampling proved to be of limited value.
GOLDY	Yukon Revenue Mines Ltd.	115 I 3,6	WH	G (1:10,000, 1:20,000), Pr, GC (GOLDY C,E,G, 2,4,6,7,8,13), TR TR (GOLDY 9,11, 16). Recon Hg GC from 57.9 km to 72.4 km on Freegold road. Bkgd less than 5 & 10 ppm. High value 1750 ppm Hg.	Sheared syenite, granodiorite intruded by porphyries and cut by quartz, pyrite, arsenopyrite, galena, sphalerite veins. Au, Ag, As anomalous zone in shear for over 3.2 km - marked by mineralized float and old prospect workings.
CASH (CASH, BEAR, FOX)	Nordac Mining Corp.	115 I 5	WH	GC (CASH 10-13, FOX 23, soil, anal. for Cu, As)	A halo of anomalous Pb, Zn, Ag & Au values in soil surrounds a large porphyry Cu-Mo deposit defined by 1975-77 drilling. An elongate, SW-trending zone of anomalous Au-As values occurs along strike of the deposit.
RAMBLER HILL (LAFORNA) (MAYFLOWER, DONALDA)	Nordac Mining Corp. (O), Permian Res. Ltd. (O)	115 I 6	WH	G (minor 1:2400), GC (450 soil samples), TR (4950 lin. m, bulldozer), D (8 holes rot/perc, 610 m), Approx. 1050 channel sampling in trenches at 4.6 m interv, plus 200 drill samples	Weathered oxide zone of brecciated porphyry complex being explored as heap leach target. Completed detailed bedrock sampling within an area 1500 m by 400 m that was outlined by by previous geochemical surveys. Assays up to 2.54 g/t Au across 73.2 m in trenches & 1.44 g/t Au from drilling. Reserve calc. underway. M.Sc. Thesis, B. McInnes (underway), McMaster University, Hamilton, Ontario.
MALONEY (ALO)	Archer Cathro & Assoc (1981) Ltd. (W), Chevron Canada Res. Ltd.	115 I 4	WH	G, GC	

Property Name (Claims)	Company Name	NTS	Mining District	Type of work	Comments
REVENUE (REVENUE COPPER, ADDITION, etc)	Nordac Mining Corp. (F), Yukon Revenue Mines Ltd. (O)	115 I 6	WH	GC (about 25 cls, approx 1800 grid soil, 300 rock samples from trenches, assayed for Au and 30 element ICP), TR (1300 lin. m, excavator (Cat 235)	Gold is associated with a breccia of intrusive or volcanic origin at the head of the placer paystreak in Revenue Creek. Outlined anomaly (greater than 100 ppb Au) underlain by extensive vegetation/overburden layer of unknown thickness - anomalous area is about 2500 m by 1000 m and has Cu (greater than 200 ppm), As and erratic W anomalies. Best values obtained in trenching were 1.71 g/t Au across 30 m, 2.06 g/t Au across 40 m and 1.03 g/t Au across 40 m.
ZIT (EYM, ACK)	Archer Cathro & Assoc (1981) Ltd. (W), Chevron Canada Res. Ltd.	115 I 6	WH	G, GC	
NUCLEUS (ERL, MEC)	Archer Cathro & Assoc (1981) Ltd. (W), Chevron Canada Res. Ltd.	115 I 6	WH	G, GC	
HAYES (SAM, SWEDE)	Hayes Resources Inc.	115 J 9, 115 I 12	WH	TR (D-7 cat trenching, 1397.92 m sampled)	Quartz porphyry intrusive in Yukon Group. Epithermal veins carry gold, silver and base metal values. Carbonate and calc-silicate rocks discovered in 1985. Trenching in vicinity of Sonora Creek suggests source of tetradymite nuggets is near head of creek.
KOE	Kerr Addison Mines Ltd	115 J 9	WH	GC (KOE 16,18,20, 23-34,37-44, soil, rock chip, Au, Ag, As, Sb), GP (VLF-EM), TR (4 small pionjaar)	Variably brecciated chalcedonic quartz veins occur in felsenmeer and talus. Sources appear to be in Casino felsic volcanic rocks and basement gneisses. Gold-silver anomalous float is present at, and downhill from the strands of a northwesterly striking major fault. The more anomalous segments of the fault have been delineated.
NIT (ITN)	Archer Cathro & Assoc (1981) Ltd. (W), Chevron Canada Res. Ltd.	115 J 9	WH	G, GC	
SELWYN (ELW)	Archer Cathro & Assoc (1981) Ltd. (W), Chevron Canada Res. Ltd.	115 J 9	WH	G, GC	
IDAHO CREEK (DAH)	Archer Cathro & Assoc (1981) Ltd. (W), Chevron Canada Res. Ltd.	115 J 10	WH	G, GC	

Property Name (Claims)	Company Name	NTS	Mining District	Type of work	Comments
CASINO (CAT, MOOSE, JOE)	Nordac Mining Corp. (F), Permian Res. Ltd. (F), Casino Silver Mines Ltd. (O)	115 J 10, 15	WH	GC (40 cls, soil, 100 x 50 m spac), TR (16 cls, 6088 lin. m, D7 cat tractor)	The Casino subvolcanic porphyry complex consists of a 70 my old felsic breccia pipe and coeval porphyritic intrusions which occur within the mid Cretaceous Klotassin granodiorite batholith. Classical hydrothermal 'porphyry' alteration is zoned around the intrusion. A northwest-trending zone at least 80 m wide and over 300 m long occurring within the Casino complex is enhanced in gold content. Low grade gold mineralization (0.34 to 0.51 g/t) is widely spaced within the Casino Complex. One zone which is over 80 m wide and over 300 m in extent contains in excess of 0.75 g/t Au. A number of widespread soil geochem anomalies ranging up to 4430 ppb Au occur peripheral to the porphyry complex.
LONE STAR	Dawson Eldorado Gold Explorations Ltd.	115 O 14	DAW	TR (area between Gay Gulch and Oro Grande Gulch, 1066 m on geochem anomalies, 9.1 kg samples every 1.5 m), D (reverse circulation, 182.9 m in six holes, 50.29 m - one hole in trench)	Trench exposed 38.1 m (vert) of silicified quartz-muscovite schist. Assays over 1.5 m intervals: 0 m depth - 6.51 g/t Au 22.8 m depth - 10.28 g/t Au 36.6 m depth - 5.83 g/t Au
LGC	Noranda Exploration Co. Ltd. (NPL)	116 C 2	DAW	G (1:10,000, 1: 5000 scales), Pr, GC (rock, silt, soil, pan conc, talus fines)	Nasina Quartzite and Klondike Schist is overlain by the Mt. Nansen Group volcanic rocks. Unconsolidated glacial and alluvial deposits lie in drainage channels.

LEAD, ZINC, SILVER

Property Name (Claims)	Company Name	NTS	Mining District	Type of work	Comments
NEL-HOSER	Sulpetro Minerals Ltd. (O, F), Sovereign Metals Corp. (O), B.P. Minerals Inc. (F)	95 D 6	WLK	DD (JERI 1,3-4 and SIN 1, 10 BQ holes totalling 1009.8 m), airstrip construction	Significant zinc mineralization and accompanying alteration occur over a strike length of 550 m and a stratigraphic interval of over 100 m The holes intersected wide spread, but generally low grade zinc mineralization. The best intersections were as follows: Hole 1 - 13.11% Zn over 3.37 m; Hole 2 - 7.96% Zn over 4.58 m; and Hole 4- 14.60% Zn over 2.15 m. Lead, barite and silver values were very low to nil.
BAR	Comox Res. Ltd.	105 C 8,9	WLK	DD (BAR 3,14,15, 21, 5 BQ holes, 607.78 m)	

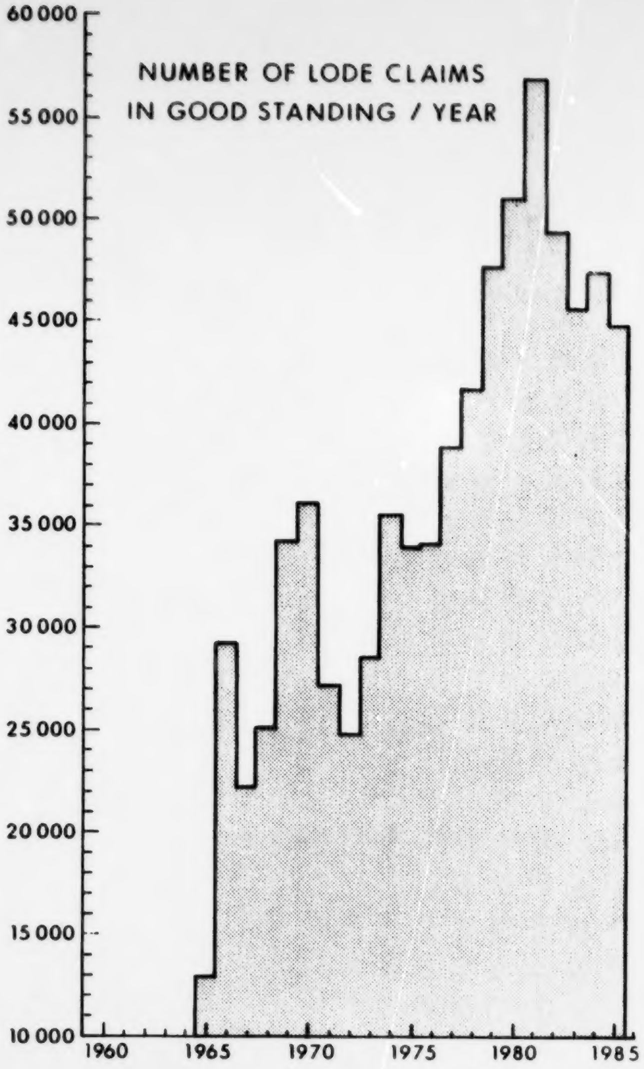
HUNDERE (CIMA, MICA, HUN)	*Canamax Res. Inc.*	*105 A 10*	*WLK*	*G (MICA 5-8, 1: 1000), GC (1700 soil samples, 25 m centres on 50 m spaced lines, analyzed for Pb, Zn, Cu & Ag), GP (20 line-km Mag & dipole-dipole IP; 190 line-km helicopter borne EM Mag over 65 % of the property), DD (MICA 5-8, 37 NQ holes, 17,940 m)*	*Actinolite-diopside-sulphide skarns are developed along several phyllite-limestone contacts in a thick Cambrian phyllitic sequence. Mineralization is generally gently dipping and is cut by scattered intermediate to felsic dykes. Diamond drilling in 1985 has indicated geological reserves of 1.76 million tonnes grading 14.5% Zn, 8.5% Pb and 61.7 g/t Ag in three overlapping, flat lying to gently dipping skarn zones.*
TAY	*Cominco Ltd.*	*105 F 10*	*WLK*	*G, GC, GP (airborne)*	
NIDD	*Cominco Ltd.*	*105 O 1*	*MAYO*	*RdBldg (NIDD 203, 184,183,174, improved access to Boundary Ck camp)*	*Low grade Pb, Zn, Ag mineralization in Lower Earn Group stratigraphy.*

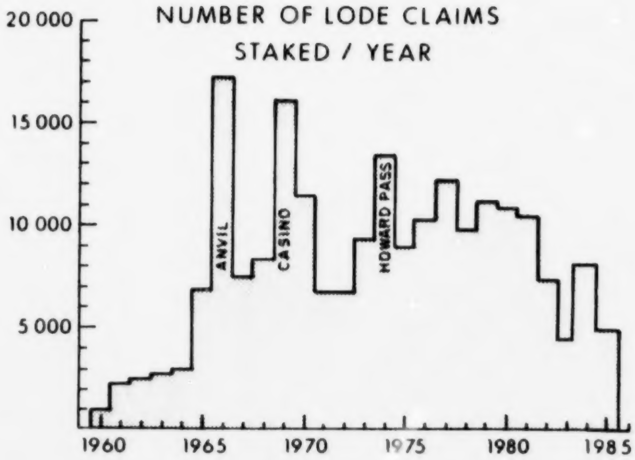
__TUNGSTEN, MOLYDENUM__

Property Name (Claims)	*Company Name*	*NTS*	*Mining District*	*Type of work*	*Comments*
HOT	*Canamax Res. Inc.*	*105 B 1*	*WLK*	*G (HOT 1-12,17-28,33-42, 1: 2000), GC (HOT 1-12,17-28,33-42, fill-in soil), GP (all cls, airb Mag, VLF-EM surv 1:10,000), RdBldg (HOT 5,7,9,19-24, 26-40,52, D-8 bulldozer)*	*Porphyry W-Mo: fracture-controlled scheelite-moybdenite occur in hornfelsed Lower Cambrian sedimentary rocks. A quartz-feldspar porphyry plug and dykes were located. Stockwork tungsten-molybdenum mineralization and intensely fractured pyrrhotitic calc-silicate rock are coincident with geochemical and airborne magnetic anomalies.*

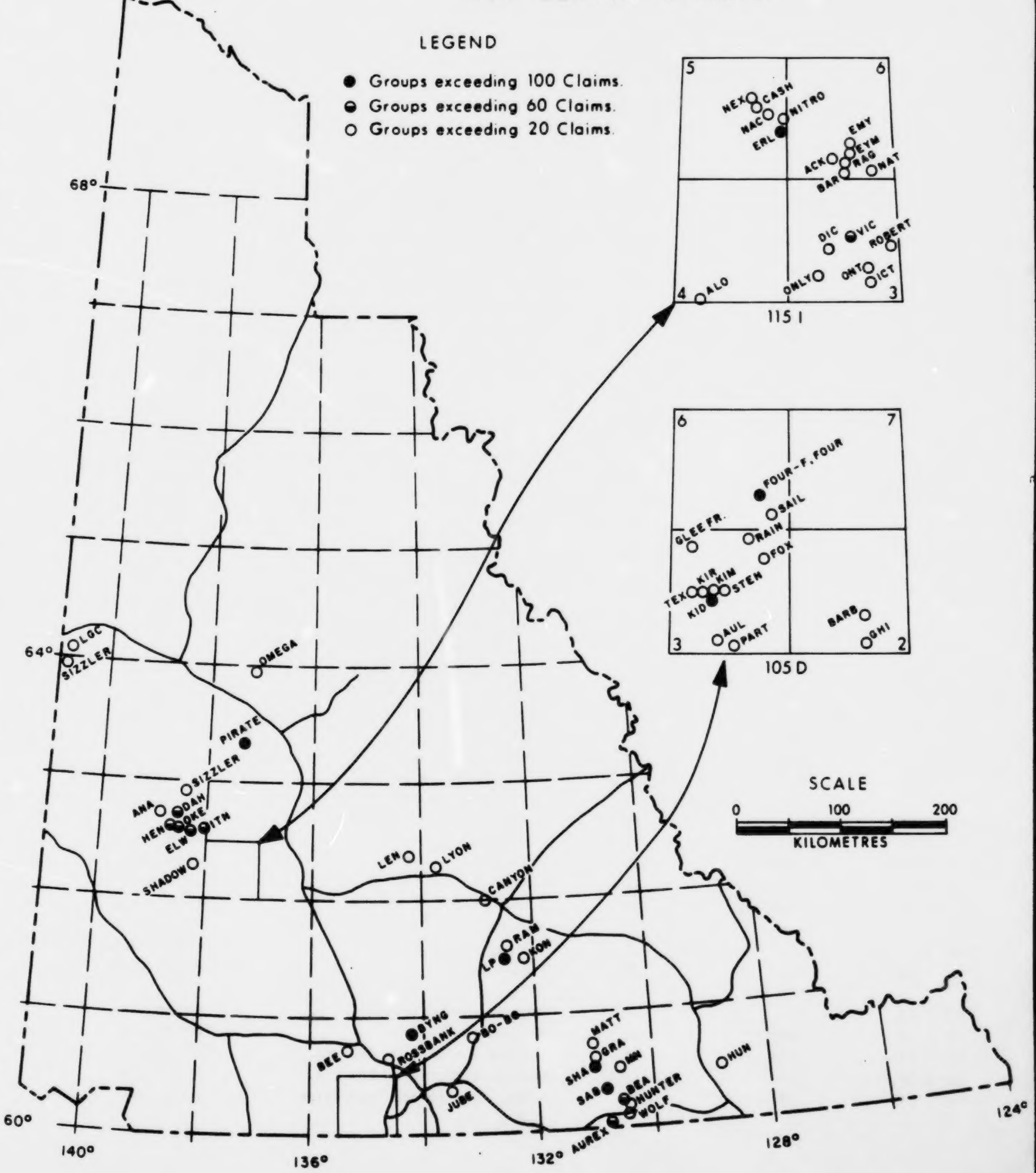
__BARITE__

Property Name (Claims)	*Company Name*	*NTS*	*Mining District*	*Type of work*	*Comments*
PETE (TEA)	*Yukon Barite Co. Ltd.*	*105 O 2*	*MAYO*	*Str (TEA 79,80, 82, bulldozer, 6 days, North & South main ore units), GC (detailed sampling)*	*Stratiform barite. Determined that the South unit thickens to over 40 m westerly toward axis of a depositional trough.*


NUMBER OF LODE CLAIMS
IN GOOD STANDING / YEAR
60 000
55 000
50 000
45 000
40 000
35 000
30 000
25 000
20 000
15 000
10 000
1960
1965
1970
1975
1980
1985


NUMBER OF LODE CLAIMS
STAKED / YEAR
20 000
15 000
10 000
5 000
ANVIL
CASINO
HOWARD PASS
1960
1965
1970
1975
1980
1985

1985 CLAIMS STAKED


LEGEND
● Groups exceeding 100 Claims.
◒ Groups exceeding 60 Claims.
○ Groups exceeding 20 Claims.
5
6
4
3
HEX
CASH
NAC
NITRO
ERL
EMY
EYM
ACK
RAG
BAR
NAT
DIC
VIC
ROBERT
ALO
OMLY
ONT
ICT
115 I
6
7
3
2
FOUR-F. FOUR
SAIL
GLEE FR.
RAIN
FOX
TEX
KIR
KIM
STEN
KID
AUL
PART
BARB
GHI
105 D
SCALE
0
100
200
KILOMETRES
68°
64°
60°
140°
136°
132°
128°
124°
LGC
SIZZLER
OMEGA
PIRATE
SIZZLER
ANA
DAH
HEN
OKE
ELW
ITH
SHADOW
LEN
LYON
CANYON
RAM
LP
KON
BYNG
ROSSBANK
BEE
BO-BO
JUBE
MATT
SHA
GRA
MM
SAB
BEA
HUNTER
WOLF
AUREX
HUN

QUARTZ CLAIMS STAKED - GROUPS GREATER THAN 20

NTS	CLAIM NAME	NUMBER OF CLAIMS	COMPANY	MINING DISTRICT
105 A 10, 07	HUN	52	Canamax Resources Inc.	Watson Lake
105 B 02	AUREX	84	H. Hibbing	Watson Lake
105 B 02	WOLF	56	T. McCrory 40%, B. Preston 40%, M. Nielsen 20%	Watson Lake
105 B 02	HUNTER	22	D. Schellenberg	Watson Lake
105 B 02, 07	BEA	98	Silver Hart Mines Ltd.	Watson Lake
105 B 07	SAB	42	W. Hyde 60%, T. McCrory 20%, B. Preston 20%	Watson Lake
105 B 07	SAB	214	Silver Hart Mines Ltd.	Watson Lake
105 B 10	MN	48	Tally Ho Exploration Ltd.	Watson Lake
105 B 11	GRA	49	Archer, Cathro and Associates (1981) Ltd., W. Preston	Watson Lake
105 B 11	SHA	147	Shakwak Exploration Co. Ltd.	Watson Lake
105 B 14	MATT	40	M. Holloway	Watson Lake
105 C 05	JUBE	23	E. Johnson	Whitehorse
105 C 14	BO-BO	48	B. Poulin	Whitehorse
105 D 02	GHI	32	G.L. Harris	Whitehorse
105 D 02	BARB	34	L. Barrett	Whitehorse
105 D 03	PART	27	L.O. Allen, R.J. Bilquist	Whitehorse
105 D 03	FOX	32	R.S. Rogers	Whitehorse
105 D 03	AUL	24	R.J. Bilquist	Whitehorse
105 D 03	KIM	52	Omni Resources Ltd.	Whitehorse
105 D 03	TEX	22	Omni Resources Ltd.	Whitehorse
105 D 03	STEN	45	Berglynn Resources Inc.	Whitehorse
105 D 03	KIR, KIR, Fr.	33	M. Woods, T. Mrozinski, M. Barker	Whitehorse
105 D 03	KID	200	Skukum Resources	Whitehorse
105 D 03	RAIN	43	S. Ridgway, A. Jobin	Whitehorse
105 D 03	GLEE Fr.	58	R.W. Gray	Whitehorse
105 D 06	FOUR-F, FOUR	107	S. Fleurant, J. Jobin, Y. Gervais, L. Brault	Whitehorse
105 D 06	SAIL	25	D. Baird	Whitehorse
105 D 06	HAVI	36	M. Langlois, A. John	Whitehorse
105 D 10	ROSSBANK	30	R. Holway	Whitehorse
105 D 14	BEE	24	Noranda Exploration Co. Ltd.	Whitehorse
105 D 16	BYNG	102	D. Nadrofsky, J. McLean J. Moreau	Whitehorse
105 F 07, 10	LP	115	Cominco Ltd.	Watson Lake
105 F 09	KON, KON Fr.	35	T.E. Koepke	Watson Lake
105 F 10	RAM	28	Regional Resources Ltd.	Watson Lake
105 K 02	CANYON	36	R. Voisine	Whitehorse
105 K 05	LYON	52	Noranda Exploration Co. Ltd.	Whitehorse
105 L 09, 08	LEN	45	Noranda Exploration Co. Ltd.	Whitehorse
115 I 03	ICT	36	Archer, Cathro and Associates (1981) Ltd.	Whitehorse

115 I 03	ONT	51	Archer, Cathro and Associates (1981) Ltd.	Whitehorse
115 I 03	VIC	86	Kerr Addison Mines Ltd.	Whitehorse
115 I 03	DIC, DIC Fr.	51	Kerr Addison Mines Ltd.	Whitehorse
115 I 03	ONLY	30	Kerr Addison Mines Ltd.	Whitehorse
115 I 03	ROBERT	54	G. Dickson	Whitehorse
115 I 04, 115 H 13	ALO	50	Archer, Cathro and Associates (1981) Ltd.	Whitehorse
115 I 05	CASH	35	Nordac Mining Corporation	Whitehorse
115 I 05	NEX	32	Nordac Mining Corporation	Whitehorse
115 I 05	NAC	56	Nordac Mining Corporation	Whitehorse
115 I 05, 06	NITRO	26	Archer, Cathro and Associates (1981) Ltd.	Whitehorse
115 I 05, 06	ERL	256	Archer, Cathro and Associates (1981) Ltd.	Whitehorse
115 I 06	RAG	26	R.A. Granger	Watson Lake
115 I 06	NAT, NAT Fr.	33	Archer, Cathro and Associates (1981) Ltd.	Whitehorse
115 I 06	EYM	46	Archer, Cathro and Associates (1981) Ltd.	Whitehorse
115 I 06	EMY	35	Archer, Cathro and Associates (1981) Ltd.	Whitehorse
115 I 06	ACX	39	Archer, Cathro and Associates (1981) Ltd.	Whitehorse
115 I 06	BAR	30	G.L. Harris	Whitehorse
115 I 12, J 09	ITN	65	Archer, Cathro and Associates (1981) Ltd.	Whitehorse
115 J 08	SHADOW	24	Kerr Addison Mines Ltd.	Whitehorse
115 J 09	ELW	90	Archer, Cathro and Associates (1981) Ltd.	Whitehorse
115 J 09, 10	DAH, DAH Fr.	66	Archer, Cathro and Associates (1981) Ltd.	Whitehorse
115 J 09	OKE	76	Nordac Mining Corporation	Whitehorse
115 J 09, 10	HEN	88	Archer, Cathro and Associates (1981) Ltd.	Whitehorse
115 J 10	ANA	56	Nordac Mining Corporation	Whitehorse
115 J 16	SIZZLER	28	Kerr Addison Mines Ltd.	Dawson
115 N 15	AIME	32	A. Brunet, M. Grimard	Dawson
115 P 06	PIRATE	144	N. DeBock, D. Penner	Dawson
115 P 14	OMEGA	24	Noranda Exploration Co. Ltd.	Dawson
116 C 02	LOG	25	M. Webster	Dawson

1985 CLAIM STATUS FOR WATSON LAKE MINING DISTRICT

	Quartz Claims In Good Standing	Quartz Leases In Good Standing	Iron & Mica Leases In Good Standing	Total Hardrock Claims & Leases	Placer Claims In Good Standing	Placer Leases In Good Standing	Dredging Leases In Good Standing	Total Placer/Dredging Claims & Leases	Raw Gold Declared For Placer Royalty Export Tax (oz.)	(gms)	Coal Leases In Good Standing
JANUARY	12,603	182	0	12,785	62	9	3	74	0.00	0	0
FEBRUARY	11,902	182	0	12,084	59	5	3	67	0.00	0	0
MARCH	11,734	182	0	11,916	59	5	3	67	0.00	0	0
APRIL	11,833	182	0	12,015	54	5	3	62	0.00	0	0
MAY	11,874	182	0	12,056	53	4	3	60	0.00	0	0
JUNE	11,866	182	0	12,048	53	3	3	59	0.00	0	0
JULY	11,850	182	0	12,032	52	4	3	59	0.00	0	0
AUGUST	11,917	182	0	12,099	54	3	3	60	0.00	0	0
SEPTEMBER	12,081	182	0	12,263	54	2	3	59	0.00	0	0
OCTOBER	12,089	182	0	12,271	54	5	3	62	0.00	0	0
NOVEMBER	11,920	182	0	12,102	53	5	3	61	0.00	0	0
DECEMBER	11,784	182	0	11,966	55	5	2	62	0.00	0	0
TOTAL									0.00	0	

1985 CLAIM STATUS FOR WHITEHORSE MINING DISTRICT

	Quartz Claims In Good Standing	Quartz Leases In Good Standing	Iron & Mica Leases In Good Standing	Total Hardrock Claims & Leases	Placer Claims In Good Standing	Placer Leases In Good Standing	Dredging Leases In Good Standing	Total Placer/Dredging Claims & Leases	Raw Gold Declared For Placer Royalty Export Tax (oz.)	(gms)	Coal Leases In Good Standing
JANUARY	14,910	262	0	15,172	2,733	111	0	2,844	313.97	9,765	19
FEBRUARY	14,786	262	0	15,048	2,727	109	0	2,836	69.76	2,170	19
MARCH	14,811	262	0	15,073	2,713	112	0	2,825	89.74	2,791	19
APRIL	14,862	262	0	15,124	2,733	115	0	2,848	1,784.21	55,494	19
MAY	15,025	262	0	15,287	2,709	93	0	2,802	146.71	4,563	19
JUNE	15,933	262	0	16,195	2,663	89	0	2,752	1,774.31	55,186	19
JULY	16,337	262	0	16,599	2,653	92	0	2,745	3,919.99	121,923	20
AUGUST	16,774	262	0	17,036	2,681	83	0	2,764	5,794.47	180,225	20
SEPTEMBER	16,980	262	0	17,242	2,635	81	0	2,716	4,776.16	148,553	20
OCTOBER	17,082	262	0	17,344	2,619	83	0	2,702	6,919.72	215,224	20
NOVEMBER	17,101	262	0	17,363	2,622	87	0	2,709	2,317.47	72,080	20
DECEMBER	17,023	262	0	17,285	2,618	85	0	2,703	504.37	15,687	20
TOTAL									28,410.88	883,664	

1985 CLAIM STATUS FOR MAYO MINING DISTRICT

	Quartz Claims In Good Standing	Quartz Leases In Good Standing	Iron & Mica Leases In Good Standing	Total Hardrock Claims & Leases	Placer Claims In Good Standing	Placer Leases In Good Standing	Dredging Leases In Good Standing	Total Placer/Dredging Claims & Leases	Raw Gold Declared For Placer Royalty Export Tax (oz.)	(gms)	Coal Leases In Good Standing
JANUARY	9,505	889	525	10,919	1,868	38	1	1,907	0.00	0	0
FEBRUARY	9,505	889	525	10,919	1,869	35	1	1,905	0.00	0	0
MARCH	9,505	889	525	10,919	1,872	34	1	1,907	0.00	0	0
APRIL	8,812	889	525	10,226	1,943	29	1	1,973	0.00	0	0
MAY	8,812	902	525	10,239	1,834	29	1	1,864	0.00	0	0
JUNE	8,758	902	525	10,185	1,843	30	1	1,874	0.00	0	0
JULY	8,691	902	525	10,118	1,851	28	1	1,880	593.02	18,445	0
AUGUST	8,724	902	525	10,151	1,849	24	1	1,874	348.10	10,827	0
SEPTEMBER	8,575	902	525	10,002	1,830	26	1	1,857	308.57	9,597	0
OCTOBER	8,414	902	525	9,841	1,802	26	1	1,829	372.40	11,583	0
NOVEMBER	8,414	902	525	9,841	1,746	27	0	1,773	0.00	0	0
DECEMBER	8,342	902	525	9,769	1,746	24	0	1,770	0.00	0	0
TOTAL									1,622.09	50,452	

1985 CLAIM STATUS FOR DAWSON MINING DISTRICT

	Quartz Claims In Good Standing	Quartz Leases In Good Standing	Iron & Mica Leases In Good Standing	Total Hardrock Claims & Leases	Placer Claims In Good Standing	Placer Leases In Good Standing	Dredging Leases In Good Standing	Total Placer/Dredging Claims & Leases	Raw Gold Declared For Placer Royalty Export Tax (oz.)	(gms)	Coal Leases In Good Standing
JANUARY	7,856	96	0	7,952	10,326	143	4	10,473	178.00	5,536	0
FEBRUARY	7,814	96	0	7,910	10,227	139	4	10,370	7.50	233	0
MARCH	7,673	96	0	7,769	10,365	133	4	10,502	45.60	1,418	0
APRIL	7,507	96	0	7,603	10,370	139	4	10,513	373.26	11,609	0
MAY	7,507	96	0	7,603	10,374	138	4	10,516	2,158.68	67,141	0
JUNE	7,440	96	0	7,536	10,526	135	4	10,665	5,703.63	177,400	0
JULY	7,462	96	0	7,558	10,416	137	4	10,557	18,454.43	573,988	0
AUGUST	7,457	96	0	7,553	10,404	142	4	10,550	14,812.17	460,703	0
SEPTEMBER	7,460	96	0	7,556	10,291	139	4	10,434	15,633.37	486,245	0
OCTOBER	7,296	96	0	7,392	10,261	143	4	10,408	9,043.85	281,291	0
NOVEMBER	7,268	96	0	7,364	10,187	141	4	10,332	1,491.46	46,389	0
DECEMBER	7,185	96	0	7,281	10,074	126	4	10,204	64.70	2,012	0
TOTAL									67,966.65	2,113,967	

1985 CLAIM STATUS FOR YUKON

	Quartz Claims In Good Standing	Quartz Leases In Good Standing	Iron & Mica Leases In Good Standing	Total Hardrock Claims & Leases	Placer Claims In Good Standing	Placer Leases In Good Standing	Dredging Leases In Good Standing	Total Placer/Dredging Claims & Leases	Raw Gold Declared For Placer Royalty Export Tax (oz.)	(gms)	Coal Leases In Good Standing
JANUARY	44,874	1,429	525	46,828	14,989	301	8	15,298	492	15,302	19
FEBRUARY	44,007	1,429	525	45,961	14,882	288	8	15,178	77	2,403	19
MARCH	43,723	1,429	525	45,677	15,009	284	8	15,301	135	4,209	19
APRIL	43,014	1,429	525	44,968	15,100	288	8	15,396	2,157	67,104	19
MAY	43,218	1,442	525	45,185	14,970	264	8	15,242	2,305	71,705	19
JUNE	43,997	1,442	525	45,964	15,085	257	8	15,350	7,478	232,586	19
JULY	44,340	1,442	525	46,307	14,972	261	8	15,241	22,967	714,356	20
AUGUST	44,872	1,442	525	46,839	14,988	252	8	15,248	20,955	651,755	20
SEPTEMBER	45,096	1,442	525	47,063	14,810	248	8	15,066	20,718	644,395	20
OCTOBER	44,881	1,442	525	46,848	14,736	257	8	15,001	16,336	508,098	20
NOVEMBER	44,703	1,442	525	46,670	14,608	260	7	14,875	3,809	118,469	20
DECEMBER	44,334	1,442	525	46,301	14,493	240	6	14,739	569	17,700	20
TOTAL									97,999.62	3,048,082	

PLACER

According to royalty records, raw gold production for 1985 exceeded the total raw gold production for 1984. Royalties were paid on 3,048,082 grams.

Placer operations in 1985 totalled 190, down 5 from 195 operations in 1984. The number of persons employed directly on properties totalled 700, down from 734 for the previous season.

Three underground placer properties were worked during the 84/85 winter: Klondike Underground Mining Ltd. mined 18,000 cubic yards of pay gravels on the Miller Creek property, previously mined by Whitehorse Sand and Gravel Co. Ltd. and Chumar Placers. Employees averaged 8 between Nov. '84 - Feb. '85.

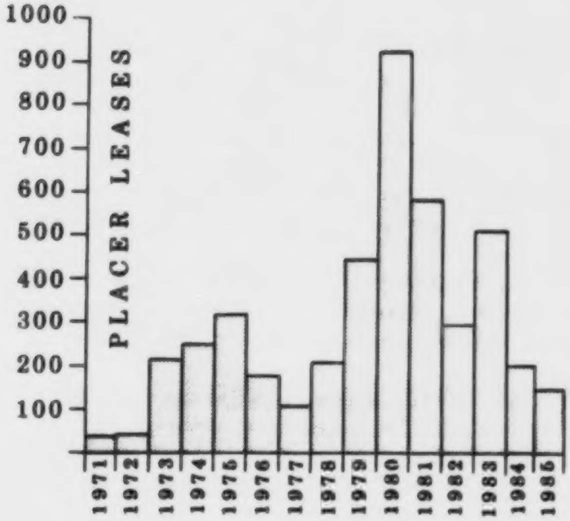
White Channel Underground Mining Ltd. mined 39,000 cubic yards from the Jackson Hill property. An average of eight persons were employed from Nov. '84 to Feb. '85. The property had been operated by Jackson Hill Ventures Ltd. the previous season.

King Solomon Mines Ltd. operated in the White Channel side pay of King Solomon Hill. Approximately 13,000 cubic yards of material were mined by 4 persons between the months of Jan. - March '85.

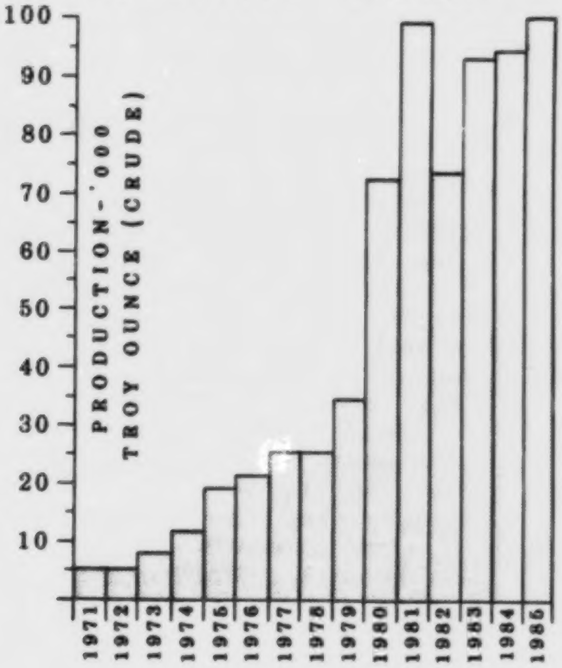
Of the three underground operations, only the Miller Creek and Jackson Hill properties remain in production (by same operators since Nov. '85). Work at the King Solomon location has been discontinued.

Total placer dredging claims and leases in good standing total 14,739 compared with 15,524 for the entire 1984 year.

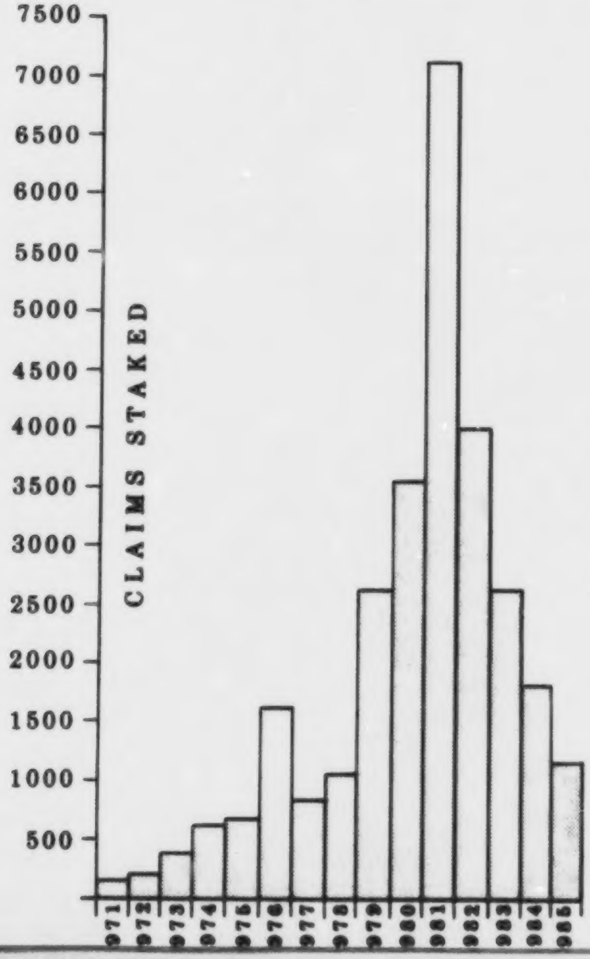
PLACER LEASES STAKED
1971-1985



YUKON PLACER GOLD
PRODUCTION 1971-1985



PLACER CLAIMS STAKED
1971-1985



1985 FIELD SEASON ACTIVITIES OF EXPLORATION AND GEOLOGICAL SERVICES DIVISION, YUKON

Exploration and Geological Services Division Yukon consists of a staff of 5 geologists, an office manager, a geological technician, and a secretary. During the 1985 field season, numerous projects were undertaken by permanent staff members and also individuals on a contract basis, commonly associated with universities.

Chief Geologist Jim Morin visited most of the project areas and continued his ongoing investigations into precious metal mineralization including the KANE near Dalton Post, the Keno Hill District, the Sekulmun Lake area and the Klondike area.

Minerals Geologist Grant Abbott examined several precious metal deposits in southern Yukon (see Appendix A).

Placer Geologist Steve Morison continued his study of sedimentology of the Plio-Pleistocene White Channel gravels in the Klondike (see Appendix B).

Staff Geologist Diane Emond examined tin-, tungsten-bearing veins, breccias and skarns in the Mayo-McQuesten River area (see Appendix C).

Former Staff Geologist Kate Grapes continued her project on the stratiform lead-zinc-silver massive sulphide deposit at Clear lake, northwest of Faro. She is studying the ore textures as part of a M.Sc. thesis at Carleton University.

During the 1985 field season, Staff Geologist Dave Downing started a mapping project at Sekulmun Lake, southwestern Yukon. There, late Cretaceous to Eocene volcanic and sub-volcanic rocks are associated with precious metal vein mineralization (see Appendix D).

Contract geologist Ruth Debicki finished the 1:50,000 scale bedrock geological mapping program in the Klondike area. In 1984, she concentrated on the southeast parts near Sulphur and Dominion Creeks and this information was released as an open file map in spring 1985. During late 1985 field season, she mapped in gaps preparatory to a final map and report.

Several university theses were partially supported by the Division.

Monica Pride continued her study of the Eocene volcanic rocks in the Mount Skukum area southwest of Whitehorse (Ph.D. thesis, University of Manitoba). Part of her work resulted in a preliminary 1:25,000 scale bedrock geological map released in spring 1985.

Bruce McDonald studied the bonanza gold sulphide-poor vein system at Mount Skukum (M.Sc. thesis, University of British Columbia) in 1984 and 1985. This major deposit is similar to other classic epithermal veins and a detailed study of it will assist and encourage exploration for similar deposits in western Yukon.

From 1983 to 1985, Mike Dufresne studied massive argillic alteration in bedrock and White Channel gravel in the Klondike area (M.Sc. thesis, University of Alberta). Source, age and nature of the altering fluids and relationship to lode and placer gold mineralization is the objective. Certainly, the results are of potential significance to mining and exploration in the Klondike area and a recent abstract is attached(Appendix E).

Rhys Hughes started a study of the stratigraphy and sedimentology of placer gravels at Miller Creek and the Sixty Mile River (M.Sc. thesis, University of Alberta) in 1984. His work has obvious implications for placer mining and exploration in the area. During the 1985 field season, he sampled gravel sections and examined stratigraphy of placer gravels in the Dawson Range on a contract basis for the Division.

Vicki Hansen conducted two seasons of fieldwork studying the geology and structure of rocks in the Teslin Suture east of Whitehorse (Ph.D. thesis University of California, Los Angeles). Her study has implications regarding exploration for gold-quartz veins and asbestos in southern Yukon.

Calvin Pride (Professor, University of Ottawa) conducted a preliminary examination in 1984 of volcanic and sub-volcanic rocks west of Sekulmun Lake that are associated with gold and molybdenum mineralization.

Ulrich Glasmacher sampled and mapped geology in the vicinity of precious metal veins and placer gravels in the Sixty Mile River area as part of his graduate studies at University of Aachen, West Germany in 1984 and 1985. He also sampled and mapped rocks west of Sekulmunm Lake as a follow-up to Pride's work and complementary to Downing's.

Tom Skulski investigated the mid-Cenozoic volcanic rocks in the Kluane Range west of Burwash Landing (Ph.D. thesis, McGill University). As part of this study initiated in 1985, he is also geologically mapping and sampling areas and sites of hydrothermal alteration and mineralization.

Doug Rucker sampled veins in the Wheaton River area in 1985 as a basis for a M.Sc. thesis at University of Alberta. These veins bear antimony or precious metal mineralization and their relationship to veins at Mount Skukum and Montana Mountain will be of interest to mineral explorers in the area.

Dave Gaboury spent summer 1985 mapping diapir breccia bodies in the Wernecke Mountains. His fieldwork is the basis for a M.Sc. thesis at University of Manitoba and is a follow-up to earlier work done by Peter Laznicka in the late 1970's. These breccias are late Proterozoic in age and are also similar morphologically and metallogenetically to those being mined at Olympic Dam, Australia for their copper, uranium and gold contents.

Jesse Duke studied drill core and geology of the Grew Creek gold deposit west of Ross River in summer 1985 as the basis for a M.Sc. thesis at University of British Columbia. This epithermal bulk gold deposit is within the Tintina Trench and physicochemical information about it is critical to understanding why it is there.

An Economic Development Agreement between Canada and Yukon was signed in May, 1985. The Agreement includes a Minerals Sub-Agreement which involves geological mapping ($1.1 million), regional geochemical stream sediment surveys ($2.2 million) and placer mining technology ($0.6 million) programs. Operational management of the programs is by E.G.S.D., G.S.C. and Mining Engineering Division of Northern Affairs Program, Yukon respectively. Work will be done over a five year period, 1985-1989, with some carry over into 1990. Funding is on a 90:10 basis between D.I.A.N.D. and Government of Yukon respectively.

The geological mapping program was responsible for three projects in 1985. They included 1:50,000 scale geological mapping of the Rancheria area (105 B 1, 2) by Grant and Jennifer Lowey. The silver-zinc-lead deposit at Midway in contiguous northern B.C. and several interesting showings in adjacent Yukon have sparked much interest in the area. Greg Lynch conducted a study of the physicochemistry of mineralization in the Keno Hill district as an EDA project and a Ph.D. thesis topic at University of Alberta. His preliminary field work has resulted in a picture of district wide metal and mineral zonation. Larry Meinert (Professor, Washington State University) sampled skarn mineralization and host rocks in the Whitehorse Copper Belt with a view to determining controls on their precious metal content.

Multi-element stream sediment geochemical surveys were carried out over Teslin (105 C), Whitehorse(105 D), Carmacks (115 I) and Aishihik Lake (115 H) map areas. Results will be forthcoming in early summer 1986.

APPENDIX A

Field Activities, 1985
by
Grant Abbott

Comparison and contrast of the tectonic setting of silver-bearing veins and mantos in central and eastern Yukon was the focus of field activities for this year. Other investigations included a field trip to Alaska and checks of earlier mapping at MacMillan Pass. Some preliminary results from the main areas examined are listed below.

1. Ketza-Seagull District

In the Pelly Mountains, gold- and silver-bearing veins and mantos are located at the headwaters of the Ketza River and between Groundhog and Seagull Creeks. Many have been considered related to nearby Mississippian volcanics. About four weeks of preliminary 1:50,000 scale mapping has revealed that most and probably all of the occurrences are Cretaceous or younger. Only the MM zinc- lead- silver- deposit and the BNOB, JOE, and CZHERNOUGH occurrences (and possibly, a few other) are likely to be volcanogenic and older. The young deposits tend to be either galena- and sphalerite-rich or arsenopyrite-rich, with a quartz and/or siderite gangue. All well-exposed veins are along strong, well-defined faults with a variety of orientations. The faults cut Mesozoic metamorphic fabrics. Mantos are localized at the contact between Lower Cambrian limestone and overlying shale.

Near Ketza River, deposits are zoned. Gold-bearing massive sulphides and oxides in the PEEL, RIDGE and other zones (CANAMAX) are located along an east-trending fault at the center of a local(?) domal uplift. On the eastern flanks of the uplift, silver- and galena-rich veins are localized in north-trending faults. A small hornfels near the center of the dome suggests that it is underlain by an intrusion.

In the Seagull area, no domal uplift or zoning of deposits are evident. The concentration of occurrences along Seagull Creek has been explained before by the "Seagull Fault" which was thought to be a reactivated Mississippian structure that juxtaposes Mississippian volcanics east of Seagull Creek against a variety of Lower and Middle Paleozoic strata on the west. Closer examination suggests that this juxtaposition results from the complex interplay of one or more thrust sheets and a number of relatively small faults which are wide-spread, and not localized along Seagull Creek. These small faults control the location of veins. No preference for type of host rock is evident, and no mantos have yet been recognized. Most occurrences are silver-rich, but the GRAYLING occurrence (REGIONAL RES.) contains significant gold.

All deposits are in the Ketza Arch, a broad window which exposes strata that belong to the lowest of three large thrust sheets that dominate the structural framework of this part of the Pelly Mountains. The origin of the Arch and its relationship to the mineral occurrences is still unclear. Mid-Cretaceous mafic dykes are spacially associated with many occurrences, and these deposits are probably older than the Early Tertiary deposits in the Rancheria District.

Companies active in the area included CANAMAX at Ketza River, and REGIONAL RESOURCES and COMINCO near Seagull Creek.

2. Plata

The Plata veins occur over a 5X2 km area located 160 km north of Ross River. They resemble those in the Pelly Mountains and are small lenses localized along strong, steeply dipping faults which cut regional metamorphic fabrics in Proterozoic and/or Lower Cambrian limestone, quartzite, and shale, and Devonian shale and chert. The Plata #'s 1, 2, 3, 5 and 6 and Inca 3's 7, 10 and 12 are mainly galena and sphalerite in a quartz and siderite gangue. The Plata #4 vein mainly comprises pyrite and arsenophyrite in a quartz-rich gangue. It is gold-rich whereas the others contain silver. The deposits show little preference for a particular host, although the #2 vein may widen and become galena-rich along the contact between Late Proterozoic limestone and overlying (unconformable) Devonian shale. Elsewhere, this contact shows no tendency to localize sulphides. A recently completed adit intersected the #2 vein about 100 m below surface, where it consists mainly of siderite and sphalerite. Whether this change from galena on surface, to sphalerite at depth reflects systematic, widespread zoning or a local perturbation is not yet clear. A gently southwest dipping quartz feldspar porphyry dyke as wide as 3 meters trends northwest across the western part of the area of veining and has been traced far to the west into areas with no veins. It is against the #6 vein, but is far from other veins. The dyke is undated, but is probably Middle Cretaceous because no intrusive rocks of any other age are known from this area. About 2 km west of the veins, Devonian black shale hosts a barren bedded barite deposit about 10 m thick and 1/2 km long.

DAWSON-ELDORADO mined only from the INCA #10 vein this year and is reported to be moderately successful.

3. Quartz Lake Area

The MACMILLAN sediment-hosted massive sulphide deposit, near Quartz Lake, east of Watson Lake, has been considered by some geologists to be syngenetic and by others to be epigenetic. I think that the discovery outcrop shows good evidence for replacement. The mineralogy of the deposit is somewhat different from that of the mantos of the Rancheria district and Ketza Arch, but the origin is probably similar. A stratabound band of massive pyrite about 1.5 meters wide is in sharp contact with enclosing Proterozoic limestone. Above it, a limestone bed about 20 cm thick changes laterally over 3 m from barren limestone to limestone(?) containing irregular, unfoliated accretions of pyrite, galena, and sphalerite, to massive pyrite. Nearby phyllite is intensely altered.

A 5 X 5 km area to the east and south of Quartz Lake contains intermittent evidence of hydrothermal alteration. On the CUZ property (KIDD CREEK MINES), silicified zones in the "Grit Unit" contain anomalous amounts of gold. On the PORKER property, a manganiferous gossan about 100 m long is associated with a widespread arsenic geochemical anomaly. Between the PORKER gossan and the MACMILLAN deposit, are a few small quartz veins containing galena and sulphosalts, and along Pyrite Creek, extensive pyritic, silicified zones.

There are no known intrusions or evidence of thermal metamorphism near any of these occurrences. A Cretaceous or Tertiary thermal aureole located 10 km east of the MACMILLAN deposit is separated from the area by weakly metamorphosed Cambro-Ordovician phyllite. Exposures are poor and structural controls are not known.

4. Rancheria District

Most of the properties under active exploration were briefly visited. Activity included drilling by SILVER HART on the CMC property, UNITED KENO on the LUCKY and SWITCHBACK veins, BUTLER MOUNTAIN MINERALS on the YP property, REG resources on the JCS(?) property, PACMAN on the WOLF claims; and trenching and other physical work by GETTY on the MEISTER and LOGAN properties, SHAKWAK at Gravel Creek, and CLAYMORE Resources on the KODIAK PROPERTY.

SHAKWAK'S GRAVEL CREEK and PACMAN'S WOLF occurrences are new discoveries; the others are old occurrences from which little new geological information other than grades and intersections has emerged. On the Gravel Creek property, several fault-controlled zones of manganiferous oxides are associated with altered felspar porphyry dykes. Trenching has revealed that the gossans derive from quartz, siderite, galena, and sphalerite veins as wide as 75 cm. Lower Cambrian limestone, where it intersects the faults, contains narrow bands of disseminated galena and sphalerite. Quartz veins as wide as 1.5 m and fluorite veins are also associated with the dykes on the western part of the property. They resemble those on the FIDDLER tungsten property. The WOLF occurrence is an east-trending galena, quartz vein in a limestone and schist pendant of the Cassiar batholith.

5. Macmillan Pass

The only significant exploration near Macmillan Pass was conducted by AGIP, who drilled a gold geochemical anomaly near a porphyry dyke on the BRICK claims.

Only one significant change was made to the geology of the Macmillan Pass Area. Volcanic rocks, originally mapped as Silurian, are sills and probably Middle Devonian like the other volcanic rocks in the area.

6. Alaska Range

South of Fairbanks, in the Alaska Range, a sequence of well exposed Paleozoic metamorphic rocks may provide clues to the stratigraphic relations of similar rocks which underlie parts of west-central Yukon. In the Alaska Range, the Paleozoic succession is divided into three units. The "Birch Creek Schist" comprises quartz grit, sandstone, and shale much like the "Grit Unit" of Selwyn Basin in Yukon. Black shale and chert conglomerate of the Keevy Peak Formation, that overlies the Birch Creek Schist, is like our Earn Group. A thick sequence of blue quartz grit, sandstone and felsic volcanics of the Totatlanika Schist that gradationally(?) overlie the Keevy Peak Formation are like the Klondike Schist and somewhat like the Mississippian volcanics in the Pelly

Mountains. We have interpreted the Klondike Schist to be allochthonous and unrelated to the Grit Unit, Earn Group, and Mississippian volcanics of the Pelly Mountains. Intrusive, volcanic, and sedimentary protoliths have been suggested for the Klondike Schist; all three may be correct. The Totalanika Schist is host to several large massive sulphide deposits that contain copper and zinc. The correlation of the Totatlanika Schist with the Klondike Schist is still speculative.

FIELD ACTIVITIES, 1985

by

S.R. Morison

Placer deposits were mapped and described in the Klondike area and Big Creek drainage basin during the 1985 field season. The following is a brief summary of those activities:

1. Big Creek Drainage Basin

This project was initiated in 1985, and the first phase is now complete. Work performed includes sedimentologic descriptions and sampling of all placer deposits which are being mined and/or tested, processing (sluicing and panning) of samples, and ground truthing for terrain analysis of Quaternary landforms. A preliminary report and terrain map is now being completed, and samples will be shipped for heavy mineral and grain size analysis. It is expected that 3 to 4 weeks will be spent in this area next summer to finish the field component of this project.

2. Klondike Area

Mapping and sampling of the White Channel deposit for Hunker and Bonanza drainage basins is now complete. An inventory of basic geoscience data for all placer deposit types in the Klondike area was started this summer in conjunction with the White Channel project. This inventory will include grain size characteristics, heavy mineral suites and basic sedimentologic interpretations for all exposures mapped and sampled.

Altered White Channel sediments were also sampled for suitability of alternate recovery techniques such as heap leaching. It is believed that altered White Channel sediment has a total gold content which is not typical for placer deposits in Yukon. M.K. Witte, a consultant with considerable expertise in metallurgic techniques for gold deposits, toured the Klondike area, and was shown the White Channel deposit. It was decided that an additional White Channel sampling program warranted attention. This summer will provide a suite of representative altered White Channel samples that will be evaluated for total gold content and alternate recovery techniques (esp. heap leaching). Samples for this program have been taken, and the laboratory work is expected to proceed this winter, 1985-86.

SEDIMENTOLOGY OF WHITE CHANNEL PLACER DEPOSITS, KLONDIKE AREA, WEST-CENTRAL YUKON

by

S.R. Morison
Exploration and Geological
Services Division

ABSTRACT

The White Channel placer deposit in the Klondike area is a Pliocene to early Pleistocene braidplain sequence with tributary alluvial fan and gravity flow deposits.

Lithofacies types range from laminated silt and clay to massive and disorganized boulder gravel. A total of 14 lithofacies types have been identified with cryogenic features such as ice wedge casts found in the upper half of the White Channel section. Dominant lithofacies types include distinctly stratified and crudely stratified gravel which is clast-supported and matrix-filled. An alteration product is recognizable in both White Channel sediments and underlying bedrock.

Proximal White Channel sedimentation is characterized by interbedded channel sequences deposited under fluctuating, high discharge and flood conditions. Medial to distal positions are dominantly sequences of low relief unit barforms and channel lag deposits. Sorting and stratification improves up-section, and facies trends are not consistent. Deposition of White Channel sediments in valley margin positions is characterized by gravelly mass flows which are interbedded with stratified fluvial sediments.

Placer gold is found in all of the White Channel gravelly facies sampled. Concentration of gold in proximal gravelly facies is due to the development of convergent flow in shallow channels during peak discharge intervals. In medial to distal positions heavy minerals are concentrated in channel sluiceways and aggraded unit bars. Convergent flow in sluiceways between unit bars is not as susceptible to fluctuating discharge levels, and as a result sorting and concentration mechanisms are more efficient up-section. Gold is also concentrated in gravelly mass flow deposits through shear and suspension sorting.

M.Sc. Thesis, University of Alberta, Edmonton.

APPENDIX C

TIN AND TUNGSTEN VEINS AND SKARNS IN THE MCQUESTEN RIVER AREA

by
D.S. Emond

INTRODUCTION

Two major areas of hardrock tin-tungsten mineralization in Yukon are the Seagull and McQuesten River Districts. This report focuses on tin and tungsten occurrences in the McQuesten River area and is based on property visits carried out in July and August, 1985.

Geology

The McQuesten area is underlain mainly by Late Proterozoic metasedimentary rocks of the "Grit Unit" (Windermere Group). To the north, these rocks are overthrust by Ordovician to Devonian Road River Formation sedimentary rocks. Numerous small, high-level, felsic plutons intruded these rocks in the Cretaceous (83-108 Ma, K/Ar, Stevens et al. 1982a) and some coeval volcanic rocks (89.0 +/- 2.6 Ma, Biotite - K/Ar, Stevens et al. 1982b) occur in the southeast.

Rocks of the Grit Unit in the McQuesten area consist of highly deformed, northeast-striking quartzite, quartz-mica schist and phyllite with minor intercalated limestone, dolomite and amphibolite. A large northeast-trending anticline, the "McQuesten Anticline" (Mulligan 1974) runs through the area, just north of the McQuesten River. To the north, foliation dips shallowly northwest and to the south, shallowly southeast.

The Cretaceous intrusions vary from syenite (in the north) to quartz monzonite and granite in the south and central area. They are mostly in the form of stocks, plugs and parallel dykes. A somewhat circular feature is outlined by dykes and plutons in the central part of the area that is marked by an absence of plutons in its centre.

Feldspar porphyries are most common, and several are feldspar-quartz porphyries with feldspar phenocrysts up to 10 cm (but more commonly 1 cm) in length and quartz phenocrysts up to 1.5 cm (but more commonly 5 mm) in diameter. Biotite is the dominant mafic mineral and makes up to 20% of the rock, but more commonly only 5-10%. Hornblende occurs in the syenite along with biotite.

Vertical columnar-jointed, hornblende porphyritic rhyolite is located just southeast of Minto Lake and likely represents a down-faulted remnant of flows coeval with the Cretaceous quartz monzonites.

Tin-Tungsten Mineralization

A description of each property visited in 1985 is found in Table 1.

Several different styles of mineralization occur in the McQuesten area including veins, breccia/veins, sheeted veins and skarns. Mineralization has been found both in the exo- and endocontact regions of plutons (i.e., near but outside of the associated intrusion; or within the intrusion itself).

MINERAL OCCURRENCES IN THE MCQUESTEN RIVER AREA

IDENTITY	PROPERTY NAME (CLAIMS)	N.T.S.	STYLE OF MINERALIZATION	HOST ROCK	ASSOCIATED INTRUSION	DESCRIPTION
A	JOUMBIPA	105 M 13	1) VEIN SN 2) VEIN SN 3) VEIN AG	1) QZIT (GRIT U.) 2) PPQZ DYKE 3) QZIT (GRIT U.)	SMALL PPQF GRANITE STOCK, SEVERAL PPQF & PPQZ DYKES	1) TO (+CT) IN NEAR VERTICAL JOINTS, QZ-TO VEINS 2) QZ-TO (+CT) VEINLETS & TO IN JOINTS 3) QZ-TO (+ASP-GL-SL) & QZ-MU VEINS
B	SCHEELITE DOME (SUN, GLOW)	115 P 16	SKARN W, AU	QZIT, SHST, LMST (GRIT U.)	PPFS - BI GRANODIORITE STOCK	ACT-QZ-PR-SCH SKARN IN STEEPLY DIPPING 4 M THICK LENSE; WOLL-QZ-TREM SKARN; QZ-MU-TO VEINS
C	OLIVER CREEK (EPD)	115 P 9,10, 15,16	1) BRECCIA SN, AG 2) SKARN SN, BM (MINOR)	QZIT, SHST (GRIT U.)	PPFS - BI GRANITE PLUG	1) CL (+CT-AG-BM) - MATRIX & TO (+CT-AG-BM) - MATRIX BRECCIAS 2) ACT-CL-PR (+CT) SKARN
D	SUNSHINE CREEK (SP, A)	115 P 15	1) BRECCIA SN, AG 2) BRECCIA AG	QZIT, SHST (GRIT U.)	1,2) PPFS GRANITE STOCK 2) PPQF DYKE	1) QZ MATRIX BRECCIA, TO MATRIX BRECCIA, ABUNDANT FE STAIN 2) SILICA-RICH MATRIX BRECCIA
E	BOULDER CREEK (SNARK, TEE)	115 P 15	1) SKARN (SN?) 2) SKARN SN 3) BRECCIA PB, ZN, AG	QZIT, SHST (GRIT U.)	1) LARGE PPFS GRANITE STOCK 2) SMALL PPFS GRANITE STOCK, PPFS DYKE 3) SMALL PPFS GRANITE STOCK	1) GT-ACT-EP-AZ (+CT?) SKARN 2) ACT-EP-AX-QZ (+GT-PR-PY-CP-CT-SL) SKARN 3) QZ MATRIX BRECCIA (+GL-SL?) ABUNDANT FE AND MN STAIN; ALSO QZ STOCKWORK NEAR MARGIN OF GRANITE STOCK
F	MARTIN	115 P 15	1) BRECCIA AG 2) VEIN AG 3) SKARN (AG?)	1,2) PPFS GRANITE STOCK 3) LMST, CHRT, SHAL (ROAD (RIVER FM)	PPFS - BI GRANITE STOCK, PPFS SYENITE DYKES	1) TO-ASP (+PY) MATRIX BRECCIA CUTTING QZ VEIN (CENTRAL STOCK AREA) 2) QZ-ASP (+SCOR) VEIN, STEEPLY DIPPING (MARGIN OF STOCK) 3) DIOP-QZ-CC-ASP (+PY-PR) SKARN
G	LUGDUSH (SPUD)	115 P 10,15	1) SKARN W 2) VEIN PB, AG (FLOAT)	QZIT, SHST, LMST (GRIT U.)	LARGE PPFQ - BI GRANITE STOCK	1) DIOP-QZ-CC (+SCH) SKARN, WOLL-QZ SKARN 2) QZ-GL VEIN MATERIAL
H	JABBERWOCK	115 P 15	1) VEIN SN 2) BRECCIA SN, AG 3) VEIN SN	QZIT, SHST (GRIT U.)	PPFS DYKES	1) CT (+KFS) IN NEAR VERTICAL JOINTS 2) TO MATRIX BRECCIA (+CT IN VUGS), TOURMALINITE 3) CT IN VUGGY QZ-LI VEINS
I	RHOSGOBEL	115 P 14	1) SKARN W 2) VEIN W, OR SHEETED VEIN W 3) VEIN AU (+AG)	1) QZIT, SHST, LMST (GRIT U.) 2) PPFS GRANITE 3) HNFLS	PPFS - BI GRANITE STOCK	1) DIOP-QZ-PLAG-SCH SKARN, WOLL-QZ-PLAG SKARN 2) QZ (+SCH?) VEINS 3) QZ-ASP VEINS
J	PUKELMAN	115 P 14	1) SHEETED VEINS W, MO (ENDOCONTACT) 2) SHEETED VEINS W (EXOCONTACT) 3) VEIN AU (EXOCONTACT)	1) PPFS GRANITE 2) HNFLS 3) QZIT, SHST (GRIT U.)	PPFS - BI GRANITE STOCK	1) QZ-KFS (+SCH-MO-PY) VEINS 2) QZ-KFS-SCH VEINS, VEINLETS 3) QZ-ASP (+GL) VEINS
K	JOSEPHINE	115 P 14	VEIN AU	QZIT, SHST (GRIT U.)	GRANODIORITE STOCK	QZ-ASP VEINS
L	BARNEY	115 P 14	BRECCIA (SN?)	QZIT, SHST (GRIT U.)	PPQZ DYKE, PPFS - BI GRANITE STOCK	ROCK FLOUR MATRIX BRECCIA, FE STAINED (+CT?) MATRIX; QZ-MU GREISEN VEINS

ABBREVIATIONS:

QZIT	quartzite	QZ	quartz	GL	galena
SHST	schist	TO	tourmaline	SL	sphalerite
LMST	limestone	CL	chlorite	ASP	arsenopyrite
HNFLS	hornfels	MU	muscovite	CT	cassiterite
CHRT	chert	CC	calcite	BM	base metals
SHAL	shale	DIOP	diopside	SCH	scheelite
PPQZ	quartz porphyry	ACT	actinolite	EP	epidote
PPFS	feldspar porphry	BI	biotite	AX	axinite
PPQF	quartz-feldspar porphyry	PY	pyrite	WOLL	wollastinite
		PR	pyrrhotite	GT	garnet
PPFQ	feldspar-quartz porphyry	CP	chalcopyrite	PLAG	plagioclase
		MO	molybdenite	KFS	K feldspar
		LI	limonite		

Tin-tungsten mineralization in the McQuesten River area is closely associated with the Cretaceous feldspar porphyritic biotite granite intrusions, mostly found in the exocontact regions. Several of the stocks have associated tourmalinization, either in fractures or as discrete grains or orbicules within the granite. Some potassic alteration is evident locally.

Cassiterite occurs in chlorite- and tourmaline- and quartz-matrix breccias which contain fragments of quartzite, schist and vein material; in thin veinlets with little gangue in the form of tourmaline, K-feldspar, or muscovite; and in actinolite-quartz-epidote-axinite-garnet skarn (+/- pyrrhotite, pyrite and chalcopyrite).

Scheelite is mostly found disseminated in fine grained, diopside-quartz, or actinolite-quartz (+/- pyrrhotite) skarn which is commonly interlayered with a poorly mineralized white wollastonite-quartz skarn. Scheelite (+ molybdenite) is also found in sheeted quartz (-feldspar) veins in both the endo- and exocontact regions of two small feldspar porphyritic granites.

Rarely do tin and tungsten mineralization occur in the same occurrence, however, some low tin values are found in some tungsten skarns, and vice versa. Tungsten mineralization occurs closer to the associated intrusion, or within it.

REFERENCES

MULLIGAN, R., 1974. "Geology of Canadian tin occurrences", Geol. Surv. Can., Economic Geology Report No. 28, 155 p.

STEVENS, R.D., DELABIO, R.N. and LACHANCE, G.R., 1982a. "Age determinations and geological studies, K-Ar isotopic ages", Report 16, Geol. Surv. Can., Paper 82-2, 56 p.

STEVENS, R.D., LACHANCE, G.R. and DELABIO, R.N., 1982 b. "Age determinations and geological studies, K-Ar isotopic ages", Report 15, Geol. Surv. Can., Paper 81-2.

APPENDIX D

EPITHERMAL ENVIRONMENTS IN THE SEKULMUN LAKE AREA, S.W. YUKON

by

D.A. Downing
Exploration and Geological
Services Division - Yukon

Fieldwork for 1985 geological mapping at a scale of1:50,000 around the north end of Sekulmun Lake approximately 100 km^2 was covered.

Geologically, the area consists of Nisling Range granitic rocks and felsic volcanic rocks respectively intruding and covering schists, marbles and quartzites of the Yukon Metamorphic Complex. The transition from the plutonic to volcanic environment is represented by miarolitic granite through to rhyolite lava flows and pyroclastic rocks and swarms of coeval feldspar porphyry dykes.

In the locality of the north end of Sekulmun Lake (115 H 12), five mineral occurrences are associated wiith Tertiary felsic volcanic rocks and their plutonic equivalents. Structurally, the area appears to be block faulted and controlled by NW-SE and NNW-SSE breaks. Favourable geologic settings for epithermal precious metal deposits exist. A possible model would have mineralizing fluids localized along graben controlling faults with flow banded rhyolites and associated volcanic rocks representing caldera fill and/or resurgence.

APPENDIX E

A PLIO-PLEISTOCENE, EPITHERMAL ORIGIN FOR AU MINERALIZATION IN THE WHITE CHANNEL SEDIMENTS OF THE KLONDIKE REGION, YUKON

BY

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University of Alberta,
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T6G 2E3

AND

S.R. Morison
Geological Services,
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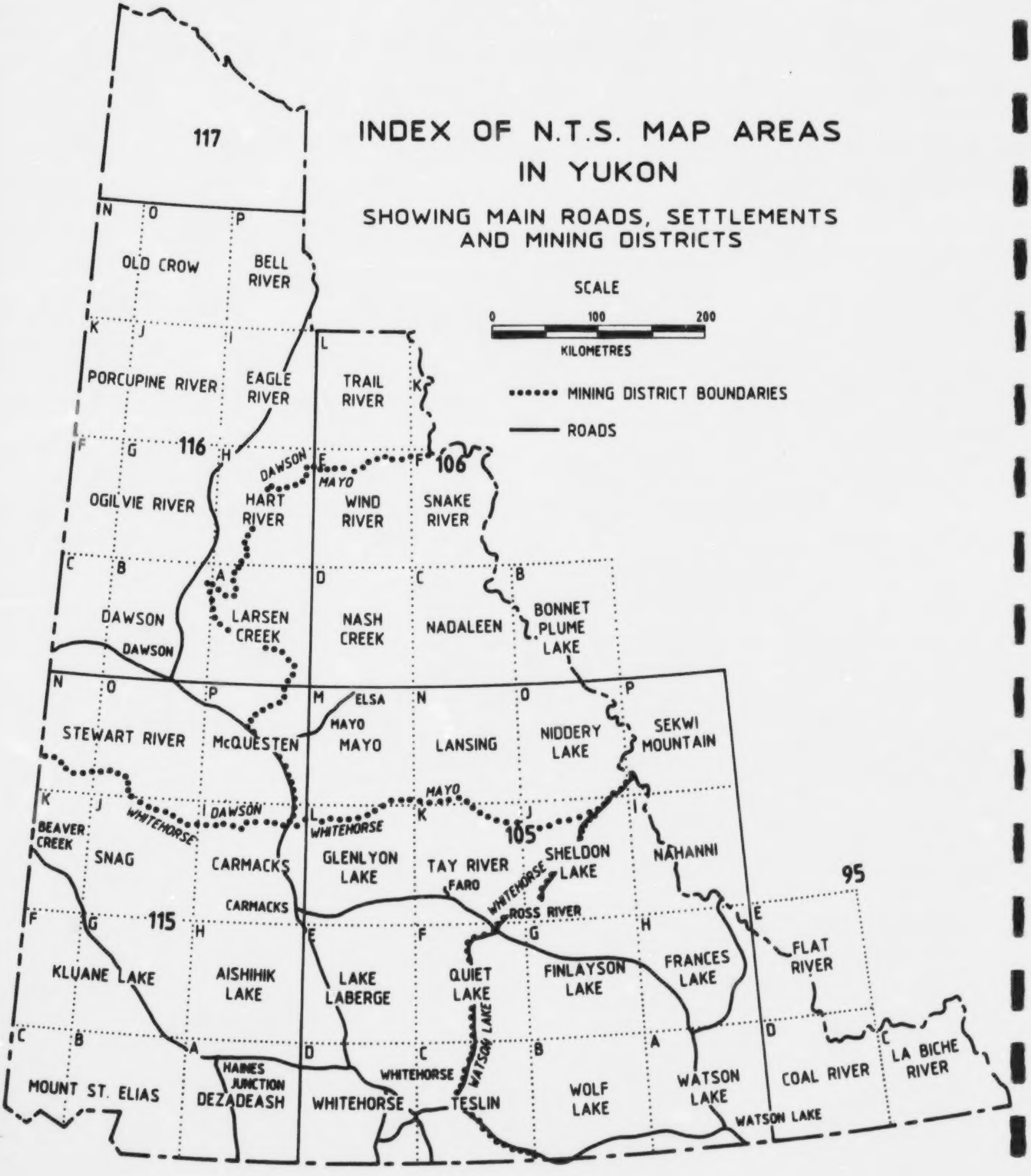
Whitehorse, Yukon
YIA 3V1

To date, exploration of mesothermal quartz veins in Klondike Schist has failed to locate a source for the 10+ million oz of Au recovered from the Plio-Pleistocene White Channel sediments and modern day placers. As first suggested by Tempelman-Kluit (1982) and supported by this study, Au mineralization in the unconsolidated White Channel sediments and underlying bedrock is now believed to have formed directly from PliO-Pleistocene epithermal processes, and through subsequent erosion, supplied most of the Au incorporated into the modern day placers. The White Channel sediments are massively disorganized to poorly stratified gravels and sands situated on elevated bedrock benches. Post-depositional hydrothermal alteration zones in the White Channel sediments crosscut sedimentary structures and facies, and are frequently isolated from the surficial weathering zone. The upper regions of the alteration zones have a bleached appearance and contain abundant, well-crystallized secondary kaolinite. Alteration at the bedrock contact is characterized by a 2-3 metre zone of iron-stained gravels composed of secondary iron-hydroxides+kaolinite+adularia+smectite+mica in the clay size fraction (2 m). Altered bedrock is characterized by smectite+kaolinite alteration in the clay fraction. The iron-stained gravels contain up to 25% Fe, 0.5% S, 6750 ppm Ba, 4230 ppm Mn and 250 As. Veins in the altered bedrock show a similar chemical enrichment and consist of quartz+siderite+goethite with botryoidal and comb textures. Fluid inclusion results indicate a Th of 100°C to 150°C and low salinities. Au appears to be disseminated throughout hydrothermally altered gravels and bedrock.

*Abstract of talk presented at 1985 Annual Geological Society of America Meeting, Orlando, Florida.

INDEX OF N.T.S. MAP AREAS IN YUKON

SHOWING MAIN ROADS, SETTLEMENTS AND MINING DISTRICTS



SCALE
0
100
200
KILOMETRES
MINING DISTRICT BOUNDARIES
ROADS
117
116
106
105
115
95
OLD CROW
BELL RIVER
PORCUPINE RIVER
EAGLE RIVER
TRAIL RIVER
OGILVIE RIVER
HART RIVER
WIND RIVER
SNAKE RIVER
DAWSON
LARSEN CREEK
NASH CREEK
NADALEEN
BONNET PLUME LAKE
STEWART RIVER
McQUESTEN
MAYO
LANSING
NIDDERY LAKE
SEKWI MOUNTAIN
SNAG
CARMACKS
GLENLYON LAKE
TAY RIVER
SHELDON LAKE
NAHANNI
KLUANE LAKE
AISHIHIK LAKE
LAKE LABERGE
QUIET LAKE
FINLAYSON LAKE
FRANCES LAKE
FLAT RIVER
MOUNT ST. ELIAS
DEZADEASH
WHITEHORSE
TESLIN
WOLF LAKE
WATSON LAKE
COAL RIVER
LA BICHE RIVER
ELSA
FARO
ROSS RIVER
BEAVER CREEK
HAINES JUNCTION
WATSON LAKE
WATSON LAKE
WHITEHORSE
CARMACKS
DAWSON
MAYO
WHITEHORSE

SUMMARIES OF ASSESSMENT WORK, DESCRIPTION OF MINERAL PROPERTIES AND MINERAL CLAIMS STAKED IN 1985

The reports and summaries of work are keyed to a set of maps which are reductions of the 1:250,000 topographic maps of Yukon. The maps shown the location of known mineral occurrences in relation to the topography.

Each symbol is numbered and references the occurrence to a listing on the adjacent page which include the occurrence name, deposit type, commodities present, the 1:50,000 N.T.S. map sheet number, most recent major reference and deposit status. The status is number coded and closely follows the CANIMINDEX "status" for the commodities present. These are coded and classified as follows: 1) the commodity is being produced; 2) the commodity has measurable reserves (i.e., three dimensional data and grade), but has never produced; 3) the commodity has been produced and measurable reserves are present, but there is no present production; 4) the commodity has been produced and there are no measurable reserves; 5) two-dimensional data (e.g., length and width) and grade are available (public), but not enough to calculate reserves; 6) one-dimensional data (e.g., a drill hole, one trench); 7) commodity is present, but insufficient data are available (public) to classify the status; and 9) a work target (no public information on presence of a commodity).

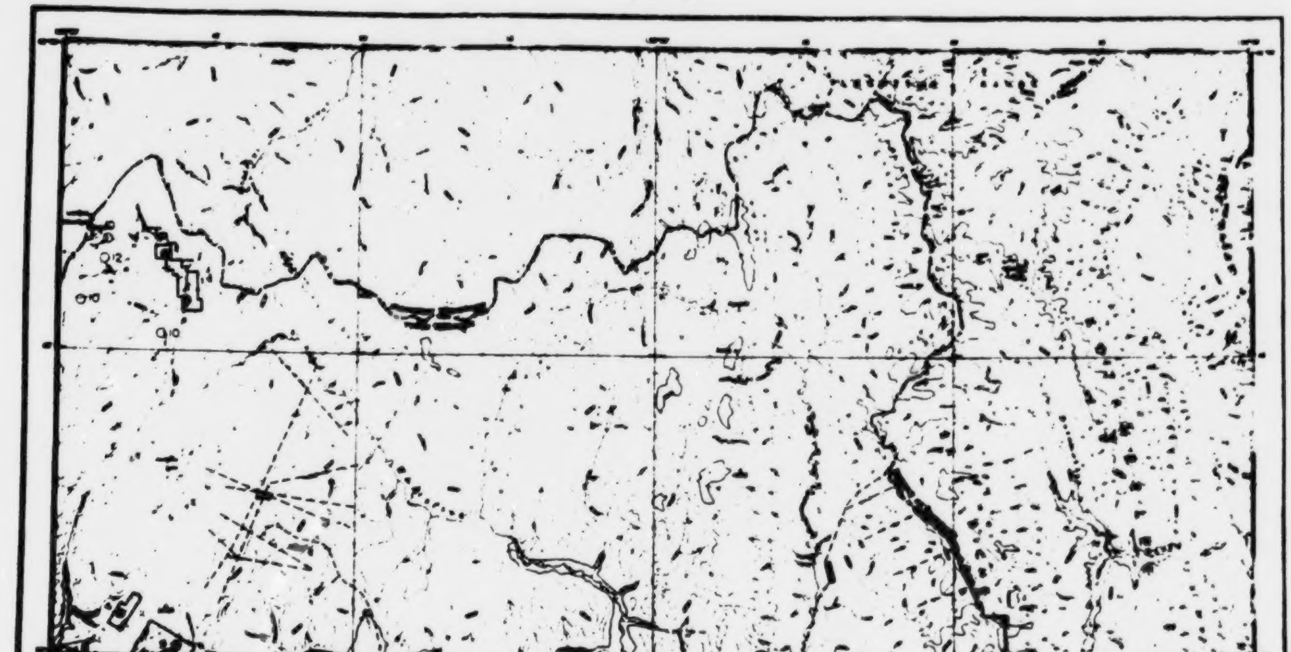
The maps are ordered according to the National Topographic System with each map followed by work summaries and records of new quartz claim staking for each sheet. The work summaries are each headed with a title block which includes:

1) Occurrence Name - usually that given by the original staker although repetition of names is avoided by assigning a unique name where the claim name is not diagnostic.
2) Owner
3) Commodities - the commodities of interest that have been located on the occurrence.
4) Deposit Type
5) N.T.S. Reference #- 1:50,000 sheet.
6) Y.M.I. Reference #- the occurrence number on the map and listing.
7) Longitude and Latitude
8) Mining District

Further information concerning the properties may be obtained from several sources. The National Mineral Inventory (NMI) is maintained by Department of Energy, Mines and Resources as a looseleaf file of property descriptions grouped according to the NTS system, and within that, according to commodity. A copy of the inventory is available for consultation at the D.I.A.N.D. Geology office in Whitehorse. The Northern Cordillera Mineral Inventory is an accurate and thorough private system maintained by Archer, Cathro and Associates (1981) Ltd. and is available from them on a fee and subscription basis.

Preliminary Map Only

95 C



LA BICHE RIVER

YUKON TERRITORY - NORTHWEST TERRITORIES

5 0 5 10 15 20 25 30
Kilometres

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
●	Mineral Deposit or Occurrence see Key on facing page
○	Unmineralized Target
▭	Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983
▭	Mineral Claims staked in 1983
—	Placer Leases in good standing (Jan. 1984)
┼┼┼┼	Placer Claims in good standing (Jan. 1984)
CEL	Coal Exploration Licence
CML	Coal Mining Lease
- - - - -	Tote Trail
—	Drivable Road
✧	Oil or Gas Well
▬	Airstrip

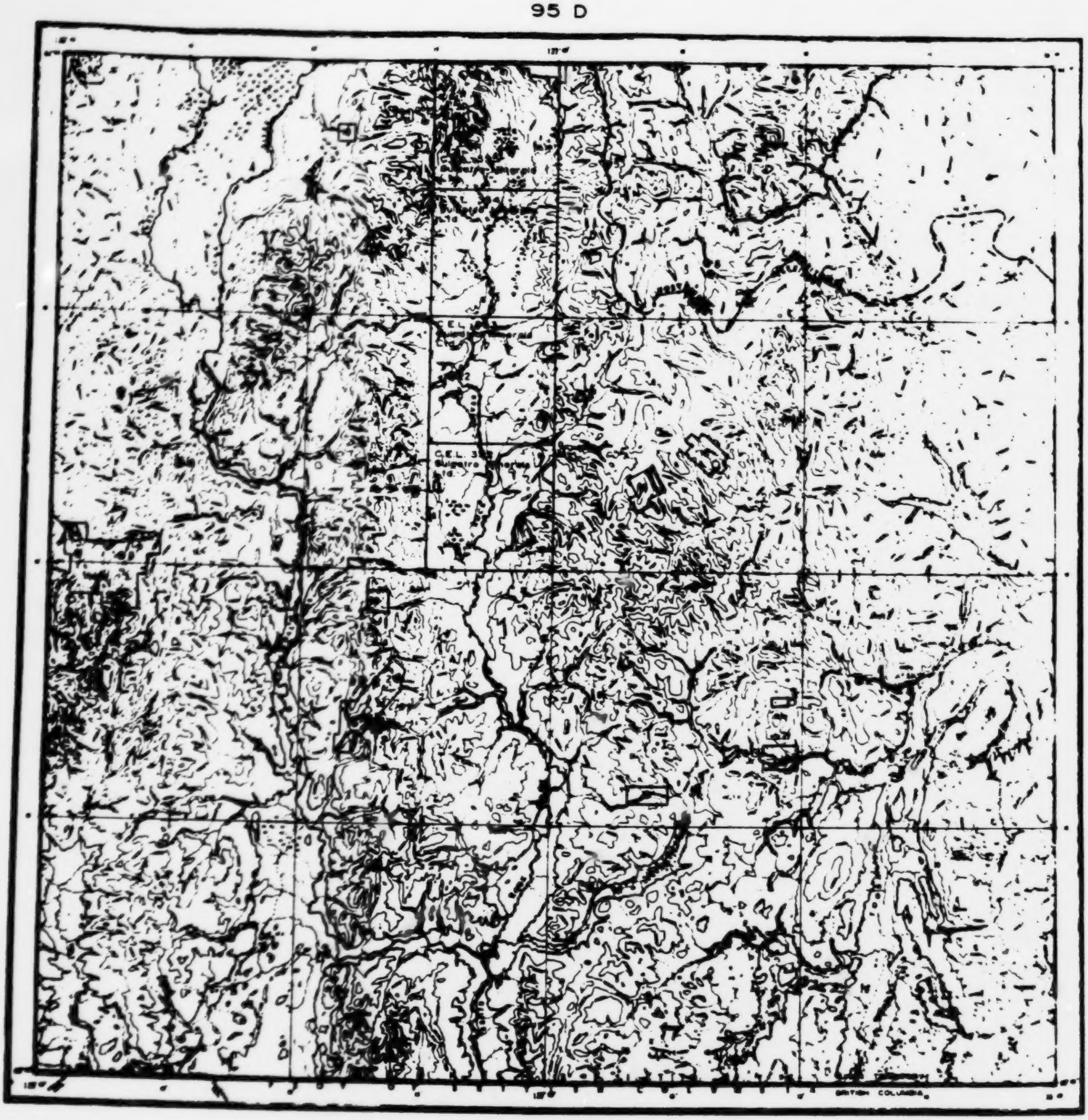
LA BICHE RIVER MAP-AREA (NTS 95 C)

General Reference: GSC Map 1380A by: R.J.W. Douglas, 1976.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	POOL	Vein Ba	95 C 5	7	
2	TROPICAL	Occurrence Ba Pb Zn	95 C 4	7	
4	TING	Vein Pb Ag Zn	95 C 12	6	D.I.A.N.D. (1981, p.131)
5	VISTA	Work Target	95 C 5	9	D.I.A.N.D. (1982, p.83) D.I.A.N.D. (1985, p.121)
6	DUFFY	Work Target	95 C 4	9	D.I.A.N.D. (1982, p.83)
7	THOR	Work Target	95 C 5	9	D.I.A.N.D. (1982, p.83)
8	TRANZ	Work Target	95 C 5	9	D.I.A.N.D. (1985, p.119)
9	BEAV	Work Target	95 C 5	9	D.I.A.N.D. (1985, p.119-120)
10	DEEK	Work Target	95 C 13	9	D.I.A.N.D. (1983, p.81)
11	MARS	Work Target	95 C 13	9	D.I.A.N.D. (1985, p.120)
12	RUSH	Work Target	95 C 13	9	D.I.A.N.D. (1983, p.81)

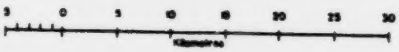
Preliminary Map Only

95 D



COAL RIVER

YUKON TERRITORY - NORTHWEST TERRITORIES



▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

● Mineral Deposit or Occurrence see Key on facing page

○ Unmineralized Target

▭ Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983

▭ Mineral Claims staked in 1983

— Placer Leases in good standing (Jan. 1984)

+++ Placer Claims in good standing (Jan. 1984)

CEL Coal Exploration Licence

CML Coal Mining Lease

- - - - Tote Trail

— Driveable Road

✧ Oil or Gas Well

▬ Airstrip

COAL RIVER MAP-AREA (NTS 95 D)

General Reference: GSC Map 11-1968 by: H. Gabrielse, 1969.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	GUSTY	Occurrence Pb Zn Ba	95 D 8	7	Gabrielse & Blusson (1969, p. 16)
2	MEL-HOSER	Stratabound Discordant Pb Zn Ba	95 D 6	2	This Report
3	McMILLAN	Stratabound Discordant Pb Zn Ag	95 D 12	2	D.I.A.N.D. (1982, p. 85); Vaillancourt (D.I.A.N.D. 1983, p. 73-77)
4	CHU	Skarn Pb Zn	95 D 13	7	
5	GABE	Work Target	95 D 15	9	Gabrielse & Blusson (1969, p. 16), D.I.A.N.D. (1981, p. 133)
6	LAST	Work Target	95 D 15	9	Lambert (1969, p. 21-23)
7	STONEMARTEN	Work Target	95 D 15	9	Lambert (1969, p. 21-23)
8	PORKER	Work Target	95 D 12	7	This Report
9	WOLF	Work Target	95 D 7	9	D.I.A.N.D. (1982, p. 86)
10	SPORK	Work Target	95 D 14	9	D.I.A.N.D. (1981, p. 133); D.I.A.N.D. (1982, p. 87)
11	CUZ	Work Target	95 D 5	9	D.I.A.N.D. (1983, p. 83-84)
12	PLAY	Work Target	95 D 12	9	D.I.A.N.D. (1983, p. 83-87)
13	LOOTZ	Work Target	95 D 7	9	D.I.A.N.D. (1983, p. 83-84)
14	JT	Work Target	95 D 7	9	D.I.A.N.D. (1983, p. 83-85)
15	OUDDER	Work Target	95 D 10	9	D.I.A.N.D. (1983, p. 83, 85)
16	DK	Work Target	95 D 10	9	D.I.A.N.D. (1983, p. 83, 85-86)
17	STAR	Work Target	95 D 11	9	D.I.A.N.D. (1982, p. 86)
18	HERPES	Work Target	95 D 14	9	D.I.A.N.D. (1983, p. 83, 85-86)
19	QUO	Work Target	95 D 6	9	D.I.A.N.D. (1983, p. 83, 86)
20	LOBO	Work Target	95 D 7	9	D.I.A.N.D. (1983, p. 83, 86)
21	SPRUCE	Stratiform Zn Ba	95 D 7	7	D.I.A.N.D. (1985, p. 124)
22	ROCK RIVER	Coal	95 D 11	2	D.I.A.N.D. (1982, p. 83, 86); Long (1985); Wright and Miller (1985)
23	MEL-EAST	Stratabound Discordant Pb, Zn	95 D 6	9	D.I.A.N.D. (1986, p. 32)
24	JERI	Work Target	95 D 6	9	This Report

MEL-HOSER
Sulpetro Minerals Ltd.

Pb, Zn, Ag
Stratabound Concordant
Vein/Replacement
95 D 6 (2)
60°21'N, 127°24'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1985, p.123); Miller and Wright (1985).

Claims: WET 31-32; JEAN 1, 4, 11-21; JOE 1.

Source: Summary by B. Lueck of assessment report 091679 by D.C. Miller.

Current Work and Results:

In 1984 and 1985, an airstrip and a 5.5 km long access road were built on the property. The airstrip is 15.25 m x 525 m centered in a 640 x 80 m clearing. The airstrip was graded and packed to a standard able to accommodate a Caribou aircraft with up to 3,600 kg of payload.

*****

PORKER
Archer, Cathro and Associates (1981) Ltd.

Au, As
Vein/Replacement
95 D 12 (8)
(60°31'N, 127°52'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1983, p.83-84,87).

Claims: PIGLET 1-32

Source: Summary by B. Lueck from assessment report 091639 by R.C. Carne.

Description:

Cambrian and Early Paleozoic phyllites, quartzites and grits are found on the property. A widespread arsenic soil anomaly is the exploration target zone in the search for a sediment-hosted micron gold deposit.

Current Work and Results:

Exploration in 1984 consisted of prospecting, geologic mapping and soil sampling. Two hundred seventy three soil and 83 rock samples were collected using ground control grids. Sampling was done over parts of a 5 km^2 arsenic soil anomaly. Widespread zones of silicification near quartzite-normal fault intersections are present and contain numerous manganiferous siderite bodies. Disseminated arsenopyrite is associated with anomalous gold values of up to 18,300 ppb in these zones.

*****

JERI
Sulpetro Minerals Ltd.

Zn
Vein/Replacement
95 D 6 (24)
(60°23'N, 127°20'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1986, p.31).

Claims: JERI 4-7; DAVE 1-8; ANDY 1-8; SIN 5-8; OTT 508

Source: Summary by B. Lueck and D. Downing from assessment report 091680 by D.C. Miller.

History:

The JERI occurrence was discovered in 1984 during geochemical surveying and geological mapping of the MEL-EAST (23) occurrence.

Description:

The property is underlain by Late Cambrian to Ordivician calcareous shale and wavy banded to micritic limestone and dolomite. Zinc mineralization is as a strataform smithsonite and sphalerite replacement deposit associated with silica-dolomite alteration.

Current Work and Results:

In 1985 a total of 10 B.Q. diamond drill holes totalling 1009.8 m were drilled on the JERI and SIN claims. Ninety-two core samples were split and assayed for Zn.

The best mineralized intersections are:

INTERSECTION(m)	ZN(%)
3.37	13.11
4.40	0.55
4.58	7.96
2.15	14.60
4.25	3.78

The 1985 work at the JERI mapped smithsonite and/or sphalerite mineralization over a 75 m stratigraphic interval. The mineralization covers a much wider interval than at the adjacent MEL (2) and displays silica-dolomite alteration of increased intensity and extent. An alteration envelope with probable zinc mineralizaion occurs over a 550 m strike length with a vertical range of +100 m. The best zinc grades are restricted to lenses within the halo and are associated with elevated silica levels.

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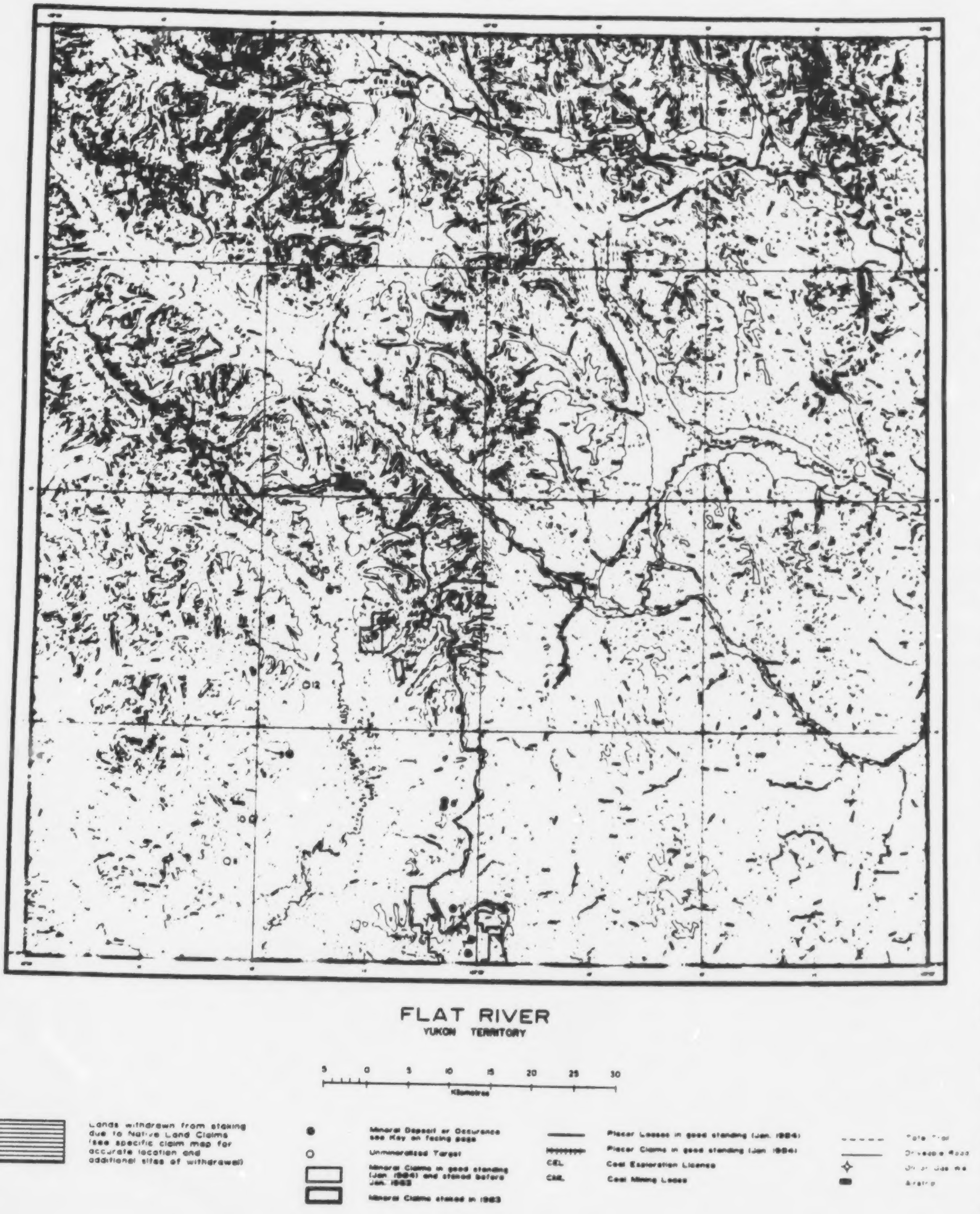
Preliminary Map Only

95 E



FLAT RIVER
YUKON TERRITORY

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
●	Mineral Deposit or Occurence see Key on facing page
○	Unmineralized Target
☐	Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983
☐	Mineral Claims staked in 1983
—	Placer Leases in good standing (Jan. 1984)
┼┼┼	Placer Claims in good standing (Jan. 1984)
CEL	Coal Exploration License
CML	Coal Mining Lease
- - -	Tote Trail
—	Driveable Road
✧	Oil or Gas Well
▬	Airstrip

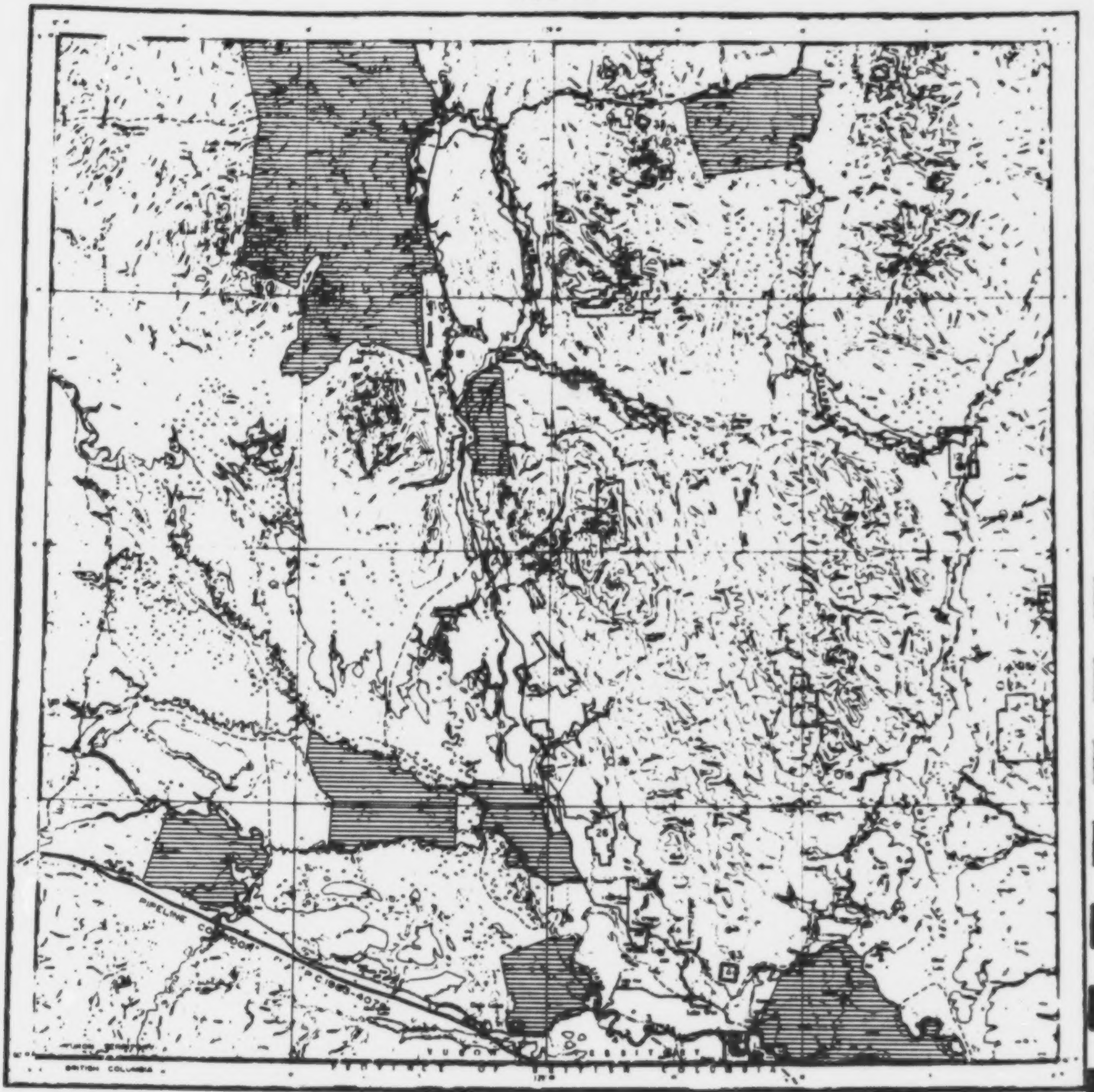
FLAT RIVER MAP-AREA (NTS 95 E)

General Reference: GSC Map 1313A and Memoir 366 by:
H. Gabrielse, J.A. Roddick,
S.L. Blusson, 1973.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	TWIN (SUNSET)	Vein Cu Ag Pb Zn Au	95 E 6	6	Morin *et al* (1980, p. 50)
2	KOMISH	Skarn W	95 E 6	7	
3	MARION	Vein Ag Pb Zn	95 E 6	7	Mulligan (1964, p. 81); Gabrielse *et al* (1965, p. 28)
4	HEATHER	Skarn Zn Pb (Ag Sn)	95 E 12	7	
5	CAESAR	Skarn W	95 E 12	7	
6	CHARLIE	Skarn W Mo	95 E 5	7	D.I.A.N.D. (1981, p. 135)
7	IVO	Skarn W	95 E 3	6	D.I.A.N.D. (1983, p. 89)
8	SNEET	Skarn W	95 E 3	7	D.I.A.N.D. (1981, p. 136)
9	FYIQ	Skarn Pb Zn Cu	95 E 3	7	D.I.A.N.D. (1981, p. 136-137)
10	JOSE	Work Target	95 E 4	9	D.I.A.N.D. (1981, p. 137)
11	NOWA	Work Target	95 E 4	9	D.I.A.N.D. (1981, p. 137)
12	HOGIE	Work Target	95 E 6	9	D.I.A.N.D. (1981, p. 137)
13	CREAM	Skarn W	95 E 6	7	D.I.A.N.D. (1983, p. 89)
14	LABELLE	Work Target	95 E 6	9	D.I.A.N.D. (1981, p. 137)
15	ROSE	Skarn W	95 E 6	6	D.I.A.N.D. (1982, p. 90)
16	RIO	Skarn Ag Pb Zn	95 E 5	5	D.I.A.N.D. (1982, p. 90)
17	VNER	Work Target	95 E 6	9	D.I.A.N.D. (1982, p. 90)

Preliminary Map Only

105 A


PIPELINE CORRIDOR
(P.C.1983-4072)
YUKON TERRITORY
BRITISH COLUMBIA
YUKON TERRITORY
PROVINCE OF BRITISH COLUMBIA

WATSON LAKE

YUKON TERRITORY

5 0 5 10 15 20 25 30

Kilometres

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

● Mineral Deposit or Occurrence see Key on facing page

○ Unmineralized Target

☐ Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983

☐ Mineral Claims staked in 1983

— Placer Leases in good standing (Jan. 1984)

Placer Claims in good standing (Jan. 1984)

CEL Coal Exploration License

CML Coal Mining Lease

- - - - Tote Trai

— Driveable 4/

✧ Oil or Gas We

▬ Airstrip

WATSON LAKE MAP-AREA (NTS 105 A)

General Reference: GSC Map 19-1966 by: J. Gabrielse, 1966.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	WATSON	Vein Ag Pb Zn	105 A 2	7	D.I.A.N.D. (1986, p. 38)
2	NAZO	Vein Ag Pb Ba	105 A 2	5	D.I.A.N.D. (1986, p. 39)
3	CAROL	Work Target	105 A 2	9	Lord (1944, p. 19)
4	ALBERT	Work Target	105 A 2	9	Lord (1944, p. 19)
5	SAWMILL	Work Target	105 A 3	9	Lord (1944, p. 19)
6	HUNDERE	Skarn Pb Zn Ag	105 A 10	2	This Report
7	RITCO	Skarn Pb Zn Ag	105 A 10	9	D.I.A.N.D. (1986, p. 40)
8	OSCAR	Skarn W Cu Mo	105 A 10	7	
9	PAT	Skarn W Cu	105 A 15	2	D.I.A.N.D. (1981, p. 140)
10	MARTIN	Skarn W Cu	105 A 15	7	
11	NOTT	Vein Cu Pb W	105 A 15	7	D.I.A.N.D. (1982, p. 93-94) D.I.A.N.D. (1986, p. 42)
12	WARBURTON	Vein Ag Cu Pb Zn	105 A 9	7	D.I.A.N.D. (1985, p. 131, 132)
13	HYLAND	Work Target	105 A 8	9	D.I.A.N.D. (1982, p. 94) D.I.A.N.D. (1986, p. 42)
14	TILL	Work Target	105 A 8	9	D.I.A.N.D. (1981, p. 141)
15	LING	Work Target	105 A 8	9	D.I.A.N.D. (1981, p. 141)
16	TOMMY	Work Target	105 A 8	9	D.I.A.N.D. (1981, p. 141)
17	CELESTIAL	Work Target	105 A 8	9	D.I.A.N.D. (1982, p. 94)
18	FALSE	Work Target	105 A 11	9	D.I.A.N.D. (1981, p. 141)
19	KLUNK	Work Target	105 A 15	9	D.I.A.N.D. (1981, p. 141)
20	BLACK	Work Target	105 A 15	9	D.I.A.N.D. (1982, p. 94-95)
21	MURRAY (RAY)	Work Target	105 A 15	9	D.I.A.N.D. (1981, p. 140)
22	PEGASEUS	Work Target	105 A 15	9	D.I.A.N.D. (1981, p. 141)
23	GUM BEE	Work Target	105 A 9	9	Morin *et al* (1980, p. 51)
24	EMILY	Work Target	105 A 15	9	Morin *et al* (1980, p. 52) D.I.A.N.D. (1986, p.42)
25	MARK	Vein W	105 A 15	7	Morin *et al* (1980, p. 52)
26	GE	Work Target	105 A 7	9	D.I.A.N.D. (1985, p. 131, 132)
27	CJ	Work Target	105 A 8	9	D.I.A.N.D. (1982, p. 95)
28	MJM	Work Target	105 A 8	9	D.I.A.N.D. (1982, p. 95)
29	AUP	Work Target	105 A 8	9	D.I.A.N.D. (1983, p. 91-92)
30	CASHBOX	Work Target	105 A 11	9	D.I.A.N.D. (1982, p. 95)
31	MOLLY	Vein Mo	105 A 15	7	D.I.A.N.D. (1986, p. 41)
32	P.D.	Work Target	105 A 2	9	D.I.A.N.D. (1985, p. 131)
33	MEL	Work Target	105 A 2	9	D.I.A.N.D. (1985, p. 131)
34	PUG	Work Target	105 A 14	9	D.I.A.N.D. (1985, p. 132)
35	NORTHWEST	Work Target	105 A 10	9	D.I.A.N.D. (1986, p.41); This Report
36	MIX	Work Target	105 A 4	9	D.I.A.N.D. (1986, p. 42)
37	TIM	Work Target	105 A 13	9	D.I.A.N.D. (1986, p. 42)
38	BUNYIP	Work Target	105 A 10/11	9	This Report

HUNDERE
Canamax Resources Inc.

Pb, Zn, Ag
Skarn
105 A 10 (6)
(60°32'N, 128°53'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1986, p.37,40).

Claims: MICA 5-12, 40-41; CIMA 13-22, 28-39, 42-51, 57-64, 97-102; HUN 81-104, 107-111

Source: Summary by B. Lueck of assessment report 091784 by A.C. Hitchins.

Description:

Sulphide mineralization consists of coarse grained sphalerite and galena in an actinolite-diopside-calcite ± garnet ± quartz skarn developed along several phyllite marble contacts in a slightly domed sequence of foliated Cambrian sedimentary rocks.

Current Work and Results:

A total of thirteen NQ diamond drill holes were sunk on the Mica 5 and 6 claims in 1985. Mineralized intercepts were assayed for Pb, Zn and Ag (for a total of 2019 m of drilling).

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NORTHWEST
A. Hitchins

105 A 10 (35)
(63°31'N,129°58'W)

Claims 1985: HUN 112, 105-106;
HUN 137-144, 153-162

BUNYIP
T. Liverton

105 A 10,11 (38)
(60°31'N,129°00'W)

Claims 1985: BUNYIP 1

NORTHWEST
L. Tanguay

105 A 7,10 (35)
(60°30'N,129°58'W)

Claims 1985: HUN 120-127, 145-152

NORTHWEST
N. Vaughan

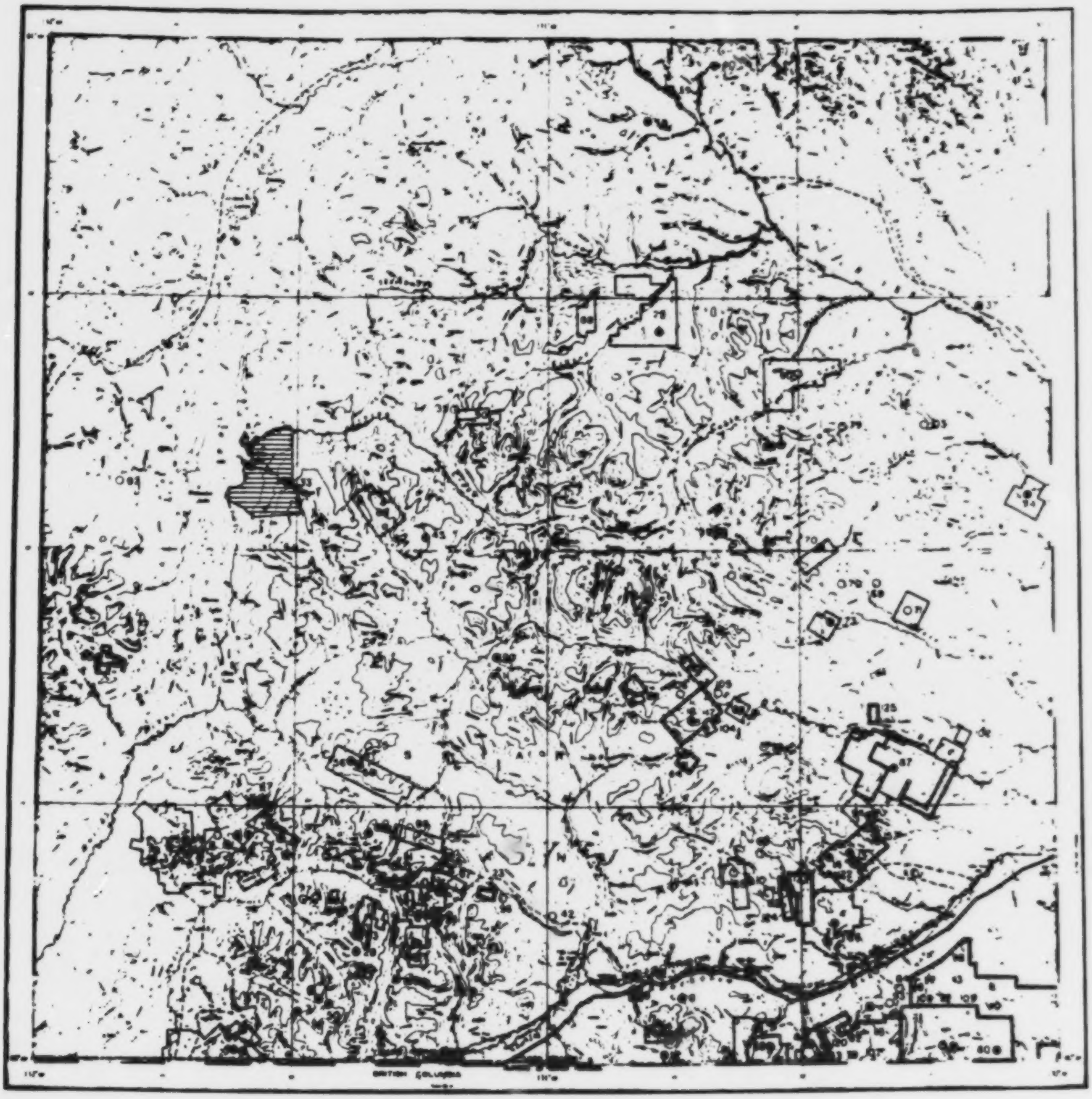
105 A 7,10 (35)
(60°30'N,129°58'W)

Claims 1985: HUN 129-136

*****

Preliminary Map Only

105 B



WOLF LAKE
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
●	Mineral Deposit or Occurrence see Key on facing page
○	Unmineralized Target
▭	Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983
▭	Mineral Claims staked in 1983
—	Placer Leases in good standing (Jan. 1984)
	Placer Claims in good standing (Jan. 1984)
CEL	Coal Exploration Licence
CML	Coal Mining Lease
- - - -	Tote Trail
—	Driveable Road
✦	Oil or Gas Well
▬	Airstrip

WOLF LAKE MAP-AREA (NTS 105 B)

General Reference: GSC Map 10-1960 by: W.H. Poole, J.A. Roddick and L.H. Green, 1960.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	LORD (IDAHO)	Vein, Replacment Au Ag Pb Zn	105 B 1	7	This Report
2	STERLING	Vein Ag Pb Zn	105 B 1	7	D.I.A.N.D. (1985, p. 139, 140); D.I.A.N.D. (1986, p. 58)
3	LUCK	Replacement Pb Zn Ag	105 B 1	6	This Report
4	FIDDLER	Vein Pb Zn Ag, Skarn W Mo	105 B 1	6	D.I.A.N.D. (1981, p. 144)
5	LENA	Vein Pb Zn Ag	105 B 1	7	D.I.A.N.D. (1985, p. 140)
6	DALE	Vein Pb Zn Ag	105 B 1	5	D.I.A.N.D. (1985, p. 140-141)
7	HOLLIDAY	Vein Ag Pb Zn	105 B 1	7	This Report
8	TROY	Vein, Replacement Cu	105 B 2	7	
9	CARLICK	Work Target	105 B 2	9	D.I.A.N.D. (1985, p. 142; 1986, p. 59); This Report
10	SHILSKY	Skarn Cu	105 B 2	7	This Report
11	KUBIAK	Vein Pb Zn	105 B 1	7	D.I.A.N.D. (1986, p. 58)
12	BLACK ROCK	Vein Ag Pb Zn Cu	105 B 2	7	This Report
13	KODIAK	Vein, Replacement Pb Ag Zn	105 B 1	7	D.I.A.N.D. (1986, p. 48)
14	HARDTACK	Vein Pb Zn Ag	105 B 1	7	This Report
15	KERNS	Vein Ag Pb Zn Cu W	105 B 1	7	D.I.A.N.D. (1985, p. 144)
16	MEISTER	Vein Cu	105 B 8	7	
17	NITE	Skarn W Mo Zn	105 B 7	7	
18	MIDNIGHT (MID)	Skarn Pb Ag	105 B 7	7	This Report
19	AURORA	Vein, Skarn Ag Pb Zn Cu	105 B 7	7	D.I.A.N.D. (1986, p. 56)
20	ALMOST	Skarn W	105 B 6	7	
21	HIDDEN (PONT B)	Skarn Pb Zn Cu W	105 B 3	7	Morin *et al* (1980, p. 56)
22	ATOM	Skarn Zn	105 B 3	7	D.I.A.N.D. (1981, p. 144); D.I.A.N.D. (1985, p. 150)
23	BAR	Skarn Zn Pb Ag	105 B 3	6	D.I.A.N.D. (1981, p. 144; 1983, p. 95, 101; 1985, p. 150)
24	BOM	Skarn Zn Pb Ag	105 B 3	7	D.I.A.N.D. (1983, p. 95-96; 1985, p. 150)
25	MUNSON	Vein Stockwork Sn (W Mo Cu), Skarn Zn Pb W Cu	105 B 3	7	D.I.A.N.D. (1981, p. 145)
26	PARTRIDGE (VAL A)	Vein Sn, Skarn Zn	105 B 3	7	D.I.A.N.D. (1981, p. 147)
27	GEM	Pegmatite Topaz	105 B 3	7	D.I.A.N.D. (1981, p. 147)
28	VAL B	Skarn Sn Zn	105 B 3	7	D.I.A.N.D. (1983, p. 95-97)
29	LOGJAM	Vein Au Ag Pb Zn	105 B 4	5	D.I.A.N.D. (1983, p. 95,97,101)
30	LOGTUNG (BERYL)	Porphyry W Mo	105 B 4	2	D.I.A.N.D. (1982, p. 98, 105)
31	J.C. (VIOLA)	Skarn Sn	105 B 4	6	D.I.A.N.D. (1983, p. 95, 97); Layne and Spooner (1985)
32	POG	Vein Ag Pb Zn	105 B 1	7	D.I.A.N.D. (1985, p. 145)
33	TROUT	Vein Fe	105 B 12	7	

34 MUNG	Porphyry Cu	105 B 12	7	
35 IRVINE	Work Target	105 B 11	9	D.I.A.N.D. (1981, p. 149); This Report
36 TUNG	Skarn W	105 B 10	7	D.I.A.N.D. (1981, p. 149)
37 MOOSELICK	Vein Cu	105 B 9	6	Craig and Laporte (1972, Vol. 1, p. 138-139)
38 DOME	Vein Cu	105 B 15	7	Green (1966, p. 84)
39 OLD GOLD	Vein Cu	105 B 15	7	Findlay (1967, p. 64)
40 RAINBOW	Vein Cu	105 B 15	7	
41 PORCUPINE	Asbestos	105 B 16	7	D.I.A.N.D. (1982, p. 106)
42 OULETTE	Work Target	105 B 2	7	D.I.A.N.D., Mines and Minerals Activities (1971, p. 73); D.I.A.N.D. (1983, p. 95, 101)
43 ZAK	Vein Ag Pb Zn Cu	105 B 11	7	Sinclair & Gilbert (1975, p. 80)
44 BOY	Vein Pb	105 B 7	7	D.I.A.N.D. (1981, p. 150); D.I.A.N.D. (1985, p. 150)
45 M.C. (SWIFT)	Vein Sn, Skarn Zn	105 B 4	6	D.I.A.N.D. (1986, p. 55)
46 DU	Vein Sn	105 B 4	6	D.I.A.N.D. (1982, p. 99)
47 I	Skarn Cu W Mo	105 B 5	7	D.I.A.N.D. (1982, p. 99, 105)
48 SIN	Vein Sn	105 B 3	7	D.I.A.N.D. (1981, p. 152); D.I.A.N.D. (1982, p. 105)
49 VH	Skarn W	105 B 3	7	D.I.A.N.D. (1981, p. 152)
50 SLOUCE	Skarn Sn	105 B 3	7	D.I.A.N.D. (1982, p. 99, 105)
51 SKIN	Vein Sn	105 B 3	7	D.I.A.N.D. (1981, p. 152)
52 MW	Skarn Sn Zn	105 B 3	7	D.I.A.N.D. (1982, p. 99)
53 MUM	Skarn Sn W	105 B 3	7	D.I.A.N.D. (1983, p. 95, 97)
54 CAN	Skarn Sn	105 B 4	6	D.I.A.N.D. (1982, p. 100)
55 STQ	Vein Sn (Greisen)	105 B 3	6	D.I.A.N.D. (1981, p. 145)
56 HL	Skarn W	105 B 6	5	D.I.A.N.D. (1982, p. 100)
57 FUR	Work Target	105 B 4	9	D.I.A.N.D. (1981, p. 155)
58 COM (54-59)	Occurrence Pb Zn	105 B 10	7	D.I.A.N.D. (1981, p. 155)
59 BINGY (COM (45-53)	Vein Pb Ag	105 B 10	7	D.I.A.N.D. (1985, p. 146); This Report
60 CABIN	Work Target	105 B 9, 10	9	D.I.A.N.D. (1982, p. 100)
61 MIDWAY (TOOT)	Stratabound Concordant Pb Zn Ag Ba	105 B 1	2	This Report
63 LUCKY (ANT)	Vein Ag Pb Zn	105 B 1	7	This Report
64 LICK	Work Target	105 B 2	9	D.I.A.N.D. (1982, p. 101-102); This Report
65 GOAT	Skarn W Mo Cu, Vein Zn Pb Ag	105 B 2	7	D.I.A.N.D. (1982, p. 102)
66 BESSEY	Work Target	105 B 2	9	D.I.A.N.D. (1981, p. 159); This Report
67 CARIBOU	Porphyry Mo	105 B 7	7	D.I.A.N.D. (1981, p. 156)
68 OAKE	Work Target	105 B 7	9	D.I.A.N.D. (1981, p. 156)
69 URSUS	Work Target	105 B 8	9	D.I.A.N.D. (1982, p. 103)
70 LOGAN	Vein Zn Ag Sn	105 B 9	6	This Report
71 MOOSE	Work Target	105 B 8	9	D.I.A.N.D. (1981, p. 156)
72 TEAM	Skarn Zn W	105 B 10, 15	7	D.I.A.N.D. (1982, p. 103, 105)
73 LITTLE MOOSE	Vein Zn Pb Cu	105 B 8	7	D.I.A.N.D. (1981, p. 157)
74 WOLF	Stratibound Concordant Zn Pb Cu Ag	105 B 9	6	D.I.A.N.D. (1982, p. 103)
75 ICE	Work Target	105 B 6	9	D.I.A.N.D. (1982, p. 103)
76 PLUG	Work Target	105 B 4	9	D.I.A.N.D. (1981, p. 158)
77 PONT	Work Target	105 B 3	9	D.I.A.N.D. (1981, p. 158)
78 ZINC	Work Target	105 B 4	9	D.I.A.N.D. (1981, p. 158)

79 ELLE	Work Target	105 B 9	9	This Report
80 HOT	Skarn W	105 B 1	7	D.I.A.N.D. (1981, p. 159); D.I.A.N.D. (1986, p. 58)
82 GULL	Skarn Zn Pb (Ag Sn)	105 B 3	7	Morin et al (1980, p. 56); D.I.A.N.D. (1983, p. 95, 101)
83 ANNI	Skarn Sn Zn	105 B 5	7	D.I.A.N.D. (1983, p. 95,98,101); D.I.A.N.D. (1985, p. 150)
84 MAC	Work Target	105 B 1	9	This Report
85 LOST	Work Target	105 B 2	9	D.I.A.N.D. (1982, p. 105)
86 PINESOL	Work Target	105 B 7	9	D.I.A.N.D. (1982, p. 105)
87 MR	Replacement (?) Pb Zn Ag	105 B 8	7	This Report
88 STONEAXE	Work Target	105 B 10	9	D.I.A.N.D. (1982, p. 104,105)
89 THRALL	Porphyry Mo	105 B 11	7	D.I.A.N.D. (1983, p. 95,99-100)
90 SOURCE	Vein, Skarn Pb Zn	105 B 11	7	D.I.A.N.D. (1983, p. 95,100); This Report
91 BORDER	Work Target	105 B 2	9	D.I.A.N.D. (1982, p. 104)
92 CO	Work Target	105 B 12	9	D.I.A.N.D. (1982, p. 105)
93 LYDIA	Work Target	105 B 1	9	D.I.A.N.D. (1986, p. 49)
94 CER	Work Target	105 B 1	9	D.I.A.N.D. (1983, p. 95,101); This Report
95 SEA	Work Target	105 B 3	9	D.I.A.N.D. (1983, p. 95,101)
96 PARK	Work Target	105 B 3	9	D.I.A.N.D. (1983, p. 95,101)
97 FALL	Work Target	105 B 3	9	D.I.A.N.D. (1983, p. 95,101)
98 CRE	Work Target	105 B 3	9	D.I.A.N.D. (1983, p. 95,101)
99 BEA	Work Target	105 B 7	9	D.I.A.N.D. (1983, p. 95,101)
100 SAB	Work Target	105 B 7	9	D.I.A.N.D. (1983, p. 95,101; 1986, p. 59); This Report
101 MEI	Work Target	105 B 7	9	D.I.A.N.D. (1983, p. 95,101)
102 GLEN	Work Target	105 B 8	9	D.I.A.N.D. (1983, p. 95,102)
103 TOD	Work Target	105 B 9	9	D.I.A.N.D. (1983, p. 95,100,102)
104 MAR	Work Target	105 B 7	9	D.I.A.N.D. (1983, p. 95,101)
105 OTH	Work Target	105 B 7	9	D.I.A.N.D. (1983, p. 95, 101)
106 BRX	Work Target	105 B 7	9	D.I.A.N.D. (1983, p. 95,101)
107 STAR	Work Target	105 B 1	9	This Report
108 SUN	Work Target	105 B 1	9	D.I.A.N.D. (1985, p. 149)
109 RUN	Work Target	105 B 1	9	D.I.A.N.D. (1985, p. 149)
110 ERIC	Work Target	105 B 1	9	D.I.A.N.D. (1985, p. 149)
111 CARL	Work Target	105 B 1	9	D.I.A.N.D. (1985, p. 149)
112 WIND	Work Target	105 B 1	9	D.I.A.N.D. (1985, p. 149)
113 DILL	Work Target	105 B 1	9	D.I.A.N.D. (1985, p. 149)
114 MOON	Work Target	105 B 1	9	D.I.A.N.D. (1986, p. 50)
115 BLUE	Work Target	105 B 1	9	D.I.A.N.D. (1985, p. 148-149)
116 ZAM	Work Target	105 B 1	9	D.I.A.N.D. (1985, p. 149); D.I.A.N.D. (1986, p. 58)
117 CORD	Work Target	105 B 1	9	D.I.A.N.D. (1985, p. 149)
118 XL	Work Target	105 B 1	9	D.I.A.N.D. (1985, p. 149)
119 GARRETT	Work Target	105 B 1	9	D.I.A.N.D. (1985, p. 149)
120 POND	Work Target	105 B 1	9	D.I.A.N.D. (1985, p. 149)
121 ALAN	Vein Ag Pb	105 B 1	7	D.I.A.N.D. (1985, p. 149)
122 AG	Work Target	105 B 1	9	D.I.A.N.D. (1985, p. 149)
123 SPENCER	Work Target	105 B 1, 2	9	D.I.A.N.D. (1986, p. 53)
124 JOHN	Work Target	105 B 2	9	D.I.A.N.D. (1985, p. 149)
125 TONI	Work Target	105 B 8	9	D.I.A.N.D. (1985, p. 150)
126 PETE	Work Target	105 B 1	9	D.I.A.N.D. (1985, p. 37)
127 HEAD	Work Target	105 B 1	9	D.I.A.N.D. (1986, p. 51)

128 ZULU LADY	Work Target	105 B 1	9	D.I.A.N.D. (1986, p. 58)
129 RAKE	Work Target	105 B 1	9	D.I.A.N.D. (1986, p. 59)
130 MAS	Work Target	105 B 3	9	D.I.A.N.D. (1986, p. 59)
131 CEA	Work Target	105 B 3	9	This Report
132 MATHEW	Work Target	105 B 14	9	This Report
133 TIM	Work Target	105 B 1	9	D.I.A.N.D. (1986, p. 52)

LORD
Butler Mountain Minerals

Ag, Pb, Zn, Au
Vein/Replacement
105 B 1 (1)
(60°12'N, 130°22'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1985, p.137; 1986, p.58).

Claims: KENT 9,10,13,14

Source: Summary by B. Lueck of assesment report 091644 by G.E.White.

Current Work and Results:

Ground magnetometer and pulse EM surveys were conducted in 1984 in hopes of detecting buried massive sulphide zones. Six conductors were delineated, some with very strong responses. Drilling to date on the main conductor shows probable reserves of 2.7 to 6.4 million tonnes of sub-economic massive sulphide mineralization.

A grid soil sampling program was done on claims KENT 9,10 in 1985. A total of 173 samples were analyzed for Pb, Zn and Ag. A well defined north trending anomalous zone was delineated near the center of the property.

*****

LUCK
Goldex Resources Inc.

Ag, Pb, Zn
Vein/Replacement
105 B 1 (3)
(60°06'N, 130°24'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1981, p.144; 1986, p.58).

Claims: A&B 1-4, 9-30

Source: Summary by B. Lueck of assessment report 091776 by R.S. Adamson.

Current Work and Results:

One diamond drill hole of 96m was completed near a massive sulphide showing on the property. The drill log does not indicate any sulphide horizons.

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HOLLIDAY, LUCKY
United Keno Hill Mines Limited

Ag, Pb, Zn
Vein
105 B 1,2 (7,63)
(60°00'N, 130°30'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1985, pp.141-142, 146-147).

Claims: REG 1-8; TONI 1-4; ROLLY 1-8; WILLY 1-8; PHIL 1-8; S 1-6; BULL 1-8; BABYP 1-6; BRU 1-36; ANT 1-14, 16, 19-26, 29-31, 33-64; A 1-4

Source: Summary by B. Lueck of assessment report 091668 by T. Stubens.

History:

The property was optioned to Terra Mining and Exploration in 1981. After extensive exploration, the ground was dropped by Terra and reoptioned to United Keno Hill Mines Limited in 1985.

Description:

Silver-lead-zinc mineralization occurs in vein systems and boulder trains on the property. The general geology is a contact zone between granodiorite and Cretaceous quartz monzonite. Local pegmatite phases are common. Mineralization occurs most frequently in fractures which have an attitude of 240/50-70. Diabase dykes are commonly associated with the mineralization which has been dated as early Eocene 52 Ma. (Abbott, 1983). Ore minerals include galena, sphalerite, tetrahedrite and argentite.

Current Work and Results:

Work done by United Keno Hill Mines Limited concentrated on the Lucky and Switchback prospects. A grid was established, followed by geologic mapping, soil sampling and VLF and magnetometer surveys. Coincident anomalies were rotary-percussion drilled in some cases where trenching indicated vein mineralization.

Good correlation was seen between VLF and geochemical Ag, Cu and Pb anomalies. Silver and copper anomalies were coincident, suggesting that most silver mineralization occurs with tetrahedrite.

On the Lucky prospect, 8 rotary-percussion drill holes (totalling 387m) tested a coincident VLF-EM and geochemical anomaly. Vein structures were intersected in all holes, with the best hole assaying 433.7 g/t Ag over 1.5m.

Mapping and prospecting on the Lucky uncovered two previously unknown boulder trains of high grade mineralization. Average results of assays are summarized below:

Occurrence	Ag	Pb	Cu
#1 Galena, tetrahedrite	5965 g/t	56.7%	1.37%
#2 Galena, tetrahedrite	5999 g/t	N/A	1.20%

Individual assays as high as 13,714 g/t Ag were reported.

Work done on the Switchback property consisted of a VLF survey followed by rotary drilling. Six holes totalling 280m were drilled over a VLF-EM anomaly coincident with known mineralization. The best hole graded 7.9 g/t Ag with 9.6% Zn over 1.5m.

*****

HARDTACK
S.Schellenberg
Pamicon Developments Ltd.

Pb, Zn, Ag
Vein/Replacement
105 B 1 (14)
(60°12'N, 130°27'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1986, p.48).

Claims: ORO 1-26

Source: Summary by B. Lueck of assessment report 091685 by R. Darney.

History:

In 1969 a narrow vein of Ag, Pb and Zn was discovered by P.H. Sevensma. The claims were restaked in 1983 by Mr. D. Schellenberg.

Description:

The claims are underlain by a shallowly dipping section of Lower Cambrian limestones and phyllites and are close to the contact of the Cassiar Batholith. Metalliferous mineralization consists of Ag, Pb and Zn sulphide replacement in a rusty shear zone.

Current Work and Results:

A total of 400 'B' horizon soil samples were collected on a grid covering the entire claim block. Samples were analyzed for Pb, Zn and Ag and outlined large coincident lead-zinc anomalies closely related to the known mineralization. The shape and extent of the anomalous zones indicate that the known sulphide mineralization could be far more extensive.

*****

MIDNIGHT
Silver Hart Mines Ltd.

Ag, Pb, Zn
Vein/Replacement
105 B 7 (18)
(60°20'N, 130°44'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1985, p.144-145, 150; 1986, p.59).

Claims: CMC 1-104; SH 1-196; BEA 1-102; SABI 1-272

Source: Summary by B. Lueck of assessment reports 091676, 091677 and 091678 by B.P. Fowler, L.H. Carlyle and H.C. Geinger respectively.

Current Work and Results:

Diamond drilling, cat trenching and road building were the major exploration activities carried out in 1985. A total of 786m of diamond drilling was completed in 3 holes. Bulldozer trenching totalling 8641 m^3 was stripped from 12 trenches. A 35 km road is being constructed to the main mineralized zone from the Alaska Highway. The diamond drill logs indicate several narrow zones of quartz, sphalerite and galena mineralization containing up to 2450 g/t Ag over 0.4 m.

*****

MIDWAY
Regional Resources Ltd.
Cordilleran Engineering

105 B 1 (61)
(60°02'N, 130°12'W)
Watson Lake M.D.

Claims: MID 1-272

Source: Summary by B. Lueck of assessment report 091669 by J. Hylands.

Current Work and Results:

A road was constructed by Canamax Resources along the southern limit of the claim block, giving access to the neighboring Hot claims.

*****

LOGAN

Regional Resources Ltd.
Getty Canadian Metals Ltd.

Pb, Ag, Sn
Vein/Replacement
Stockwork
105 B 7,8,9,10 (70)
(60°30'N, 130°27'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1986, p.57; 1985, p.147).

Claims: LOGAN 1-94

Source: Summary by B. Lueck of assessment report 091783 by M.A. Stammers (Cordilleran Engineering).

Current Work and Results:

In 1985, an extensive field program included grid preparation, fill-in soil geochemistry, I.P. geophysics, prospecting, hand sampling and geologic mapping was carried out.

The season's work explored the East Zone in detail. Trenching has uncovered a 1.5 m zone of silicified, pegmatitic granodiorite which assayed 219 g/t Ag, 0.11% Sn and 0.21% Pb.

*****

MAC

Regional Resources Ltd.

Work Target
105 B 1 (84)
(60°05'N, 130°21'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1983, p.95,101; 1986, p.58).

Claims: PL 1-70

Source: Summary by D.S. Emond from assessment report 091625 by M.A. Stammers (Cordilleran Engineering).

History:

The PL 1-60 claims were staked in June 1984 to cover Pb-Zn mineralization when the Alaska Highway Pipeline Corridor was lifted. The PL 61-70 were added on in July 1984.

Description:

The area is covered by five major north-trending lithologies: 1) Lower Cambrian orthoquartzite; 2) quartzite, siltstone and shale; 3) biotite-muscovite schist/phyllite; 4) limestone and dolomite; and 5) carbonaceous phyllite. Cretaceous granodiorite to quartz monzonite of the Cassiar Batholith intrudes the carbonate sequence in the southwest corner of the claim block.

Metalliferous mineralization on the property includes float occurrences of lead-zinc-silver-bearing manganosiderite and manganese oxides. The float is restricted to the western margin of the property where limestone and dolomite are in contact with the Cassiar Batholith. Just north of an old bulldozer trench, float of honey sphalerite, mangano-siderite and manganese oxide occur over a 75 m x 50 m area.

Current Work and Results:

Geological and geochemical exploration work was performed on the property in 1984. A total of 2.4 line-km were cut for a grid and 657 soil samples collected for geochemical analysis. Geological mapping was completed at 1:5000 scale and the Tootsee River Road was upgraded.

Assayed mineralized float gave values up to 21.80% Pb, 43.00% Zn, 488.2 g/t Ag, 0.58 g/t Au.

Soil sampling outlined a large anomaly, 1400 m x 600 m, with values up to 1580 ppm Pb, 2400 ppm Zn, 9.2 ppm Ag and 14000 ppm Mn.

*****

MR
Regional Resources Ltd.
Getty Canadian Metals Ltd.

Pb, Zn, Ag
Vein/Replacement
105 B 1, 8 (87)
(60°17'N, 130°18'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1986, p.46,54).

Claims: MR 1-410

Source: Summary by B. Lueck of assessment report 091780 by M.A. Stammers (Cordilleran Engineering).

Current Work and Results:

Work done in 1985 consisted of road construction and backhoe trenching. Four mineralized areas were localized and subject to intense exploration.

Trenching in zone 1 uncovered galena-plumbojar~~t~~osite mineralization. A 2 m chip sample assayed 12.5% Pb.

Zone 2 was first identified by coincident I.P. and geochemical anomalies. Trenches uncovered a 20 m wide zone of 5.05% Pb, 1.97% Zn and 4.1 g/t Ag; a 0.5 m section of 2.00% Pb, 10.8% Zn and 6.51 g/t Ag; and a 3.0 m section of 6.55% Pb and 4.0% Zn.

Zone 3 was trenched due to a coincident Pb-Zn-Ag geochemical anomaly. Replacement oxide bodies with remnant sulphides were uncovered by the trenching. These bodies are 'manto-type' mineralization and occur at the contact between the 'upper clastic and limestone' unit and the underlying metasediments. Assay values include 6 m of 3.97% Zn; 9 m of 5.5% Zn and a grab sample of galena assayed 80.06% Pb with 4580 g/t Ag. Veins in this zone contain quartz gangue and assayed 8.8% Pb and 50 g/t Ag over 1.5 m. A grab sample of vein material assayed 23.6% Pb, 730 g/t Ag and 1.13 g/t Au.

Zone 4 is an oxidized pyritic phyllite anomalous in Pb-Zn-Ag.

*****

STAR
Dynamite Oil and Gas Inc.

Work Target
105 B 1 (107)
(60°00'N, 130°20'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1986, p.49).

Claims: STAR 1-32

Source: Summary by B. Lueck of assessment report 091670 by P.A. Christopher.

History:

The Star claims were staked and optioned to W.E. England Drilling Co. in 1983. Dynamite Oil and Gas Inc. optioned the property in the fall of 1983.

Description:

The claims overlie a contact between a large felsic Cretaceous batholith and Cambrian to Upper Devonian sedimentary rocks.

Current Work and Results:

Grid establishment, followed by geochemical soil sampling and a VLF-EM geophysical survey was carried out in 1985. Analyses of 131 soil samples showed moderate zinc anomalies up to 330 ppm with no significant anomalies for silver or lead. Several magnetic and VLF-EM anomalies were detected but were not explored.

*****

CEA
Noranda Exploration Co. Ltd. (NPL)

Cu, Ag, Ba
Unclassified
105 B 3 (131)
(60°03'N, 131°05'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1986, p.59).

Claims: CEA 1-60

Source: Summary by D.S. Emond from assessment report 091646 by W. Reid.

History:

The area was stream sediment sampled by the GSC in 1978 and silt anomalies including 6300 ppm Ba and 1.6 ppm Ag were located. This was further delineated in 1983 by Noranda and the claims were staked in June, 1984 when the staking ban on the Alaska Gas Pipeline corridor was lifted.

Description:

The claims cover Carboniferous, moderately to gently southwest dipping sedimentary rocks of the Yukon Cataclastic Complex which include pebble comglomerates, quartzite, grit to argillite, chert and graphite schists. One main marker horizon is a thin, 15 m wide limestone lense in the central claims which is buff to light grey weathering and well-bedded. The base contains crinoids and minor interbedded grey chert which grades upward into thinly-bedded limestone with minor chert and argillite. The limestone is directly underlain by steeply dipping, sheared chert pebble conglomerate. Fine grained clastic rock, consisting of chert, cherty argillites and minor sandstone occur on both sides of the limestone and grade into phyllites and slates to the south, along strike. In the east, massive fine to medium grained quartzites predominate and contain numerous quartz veins and stringers.

The northwest-trending, Cretaceous biotite granite to quartz monzonite intrusion known as the Seagull Batholith is located immediately west of the claims. Minor tourmaline and hornfelsed argillite occur near the contact. A small feldspar porphyry dyke cuts the strata near the centre of the claims.

The only mineralization noted is disseminated pyrite which occurs in phyllites and in minor shear zones in the more competent cherts. Also, minor baritic siltstone was found in float.

Current Work and Results:

A total of 42 silt sampls were taken and analyzed for copper, lead, zinc, silver, arsenic, gold and barium. The most significant anomaly, located in the eastern claims near the quartzite-argillite contact, gave silver values between 2.0 and 5.3 ppm and coincident copper (80-160 ppm) and barium (2720-3000 ppm). Also 21 water samples and 18 rock samples were geochemically analyzed. Samples of hornfelsed argillite and kaolinized granite containing tourmaline, pyrite, pyrrhotite and iron oxide contained up to 300 ppm Cu, 4400 ppm Sn, 110 ppm Pb, 2.2 ppm Ag, 80 ppb Au and 8200 ppm Ba. Two pieces of flaggy, light grey baritic siltstone in glacial till assayed 17.8% and 34.6% Ba.

On the eastern claims, a limonite-quartz altered phyllite with 3% disseminated pyrite analyzed 500 ppm Cu, 2.0 ppm Ag, and 2.12% Ba. This is the assumed source area of anomalous silt samples.

*****

MATHEW
M. Holloway

Au, Ag
Vein/Breccia
105 B 14 (132)
(60°46'N, 131°03'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1986, p.59).

Claims: MATHEW 1-6

Source: Summary by D.S. Emond from assessment report 091647 by K. Sax.

History:

The claims were staked in June, 1984.

Description:

The area is covered by phyllite and limestone which is intruded by quartz porphyry dykes.

Current Work and Results:

In August, 1984 an area of 130.15 m was stripped to an average depth of 0.76 m. Oxidized material was chip sampled for gold and silver analysis. A total of 41 soil, rock and chip samples were taken in the vicinity of the claims.

*****

IRVINE 105 B 11 (35)
G. Seybold (60°38'N,131°11'W)

Claims 1985: SHA 132-147

SHILSKY 105 B 2 (10)
T. McCrory (60°13'N,130°31'W)

Claims 1985: WOLF 1-16, 39-56

SHILSKY 105 B 2 (10)
M. Nielsen (60°13'N,130°31'W)

Claims 1985: WOLF 17-38

LICK 105 B 2 (64)
H. Hibbing (60°02'N,130°47'W)

Claims 1985: AUREX 11-94

SHILSKY 105 B 2 (10)
B. Preston (60°13'N,130°31'W)

Claims 1985: WOLF 57-60

CARLICK 105 B 2 (9)
H. Hibbing (60°04'N,130°50'W)

Claims 1985: KIRK 5-7

BLACKROCK 105 B 2 (12)
H. Hibbing (60°00'N,130°45'W)

Claims 1985: BLACKSTONE 1-16

BESSEY 105 B 2 (66)
D.Schellenberg (60°13'N,130°02'W)

Claims 1985: HUNTER 1-22

SOURCE
M.P. Phillips
105 B 11 (90)
(60°37'N,131°08'W)

Claims 1985: GRA 1-14

SOURCE
A. Ogilvy
105 B 11 (90)
(60°37'N,131°08'W)

Claims 1985: GRA 15-28

SOURCE
G. Millen
105 B 11 (90)
(60°37'N,131°08'W)

Claims 1985: GRA 29-42

IRVINE
K. McCrory
105 B 11 (35)
(60°36'N,130°11'W)

Claims 1985: SHA 1-28

IRVINE
Y. Gervais
105 B 11 (35)
(60°36'N,130°11'W)

Claims 1985: SHA 29-39, 80-103

IRVINE
J. Jobin
105 B 11 (35)
(60°36'N,130°11'W)

Claims 1985: SHA 40-79

IRVINE
A. MacDonald
105 B 11 (35)
(60°38'N,131°11'W)

Claims 1985: SHA 104-115

IRVINE
G. Clark
105 B 11 (35)
(60°38'N,131°1'W)

Claims 1985: SHA 116-131

BEA 105 B 2,7 (99)
T. McCrory (60°16'N,130°35'W)

Claims 1985: BEA 1-30

BEA 105 B 2,7 (99)
M. Nielsen (60°16'N,130°35'W)

Claims 1985: BEA 31-60

BEA 105 B 2,7 (99)
B. Preston (60°15'N,130°35'W)

Claims 1985: BEA 61-102

SAB 105 B 7 (100)
T. McCrory (60°22'N,130°50'W)

Claims 1985: SAB 1-40, 201-240

SAB 105 B 7 (100)
M. Nielsen (60°22'N,130°50'W)

Claims 1985: SAB 41-80, 241-272

SAB 105 B 7 (100)
K. McCrory (60°22'N,130°50'W)

Claims 1985: SAB 81-88, 90, 99-120

SAB 105 B 7 (100)
B. Preston (60°22'N,130°50'W)

Claims 1985: SAB 121-129, 135, 137, 139-160

SAB 105 B 7 (100)
M. McCrory (60°22'N,130°50'W)

Claims 1985: SAB 161-200

HARDTACK 105 B 1 (14)
D.Schellenberg (60°12'N,130°28'W)

Claims 1985: ORO 27-30, 5-8

ELLE 105 B 9 (79)
A.T. Turner (60°36'N,130°27'W)

Claims 1985: BOZO 1-12

CER 105 B 1 (94)
R.Wilson (60°14'N,130°22'W)

Claims 1985: TONY 1-2, 5

CER 105 B 1 (94)
D. Melville (60°14'N,130°22'W)

Claims 1985: TONY 3-4

BINGY 105 B 10 (59)
M. McCrory (60°31'N,130°40'W)

Claims 1985: MN 1-48

MATHEW 105 B 14 (132)
M. Holloway (60°46'N,130°01'W)

Claims 1985: MAT 1-48

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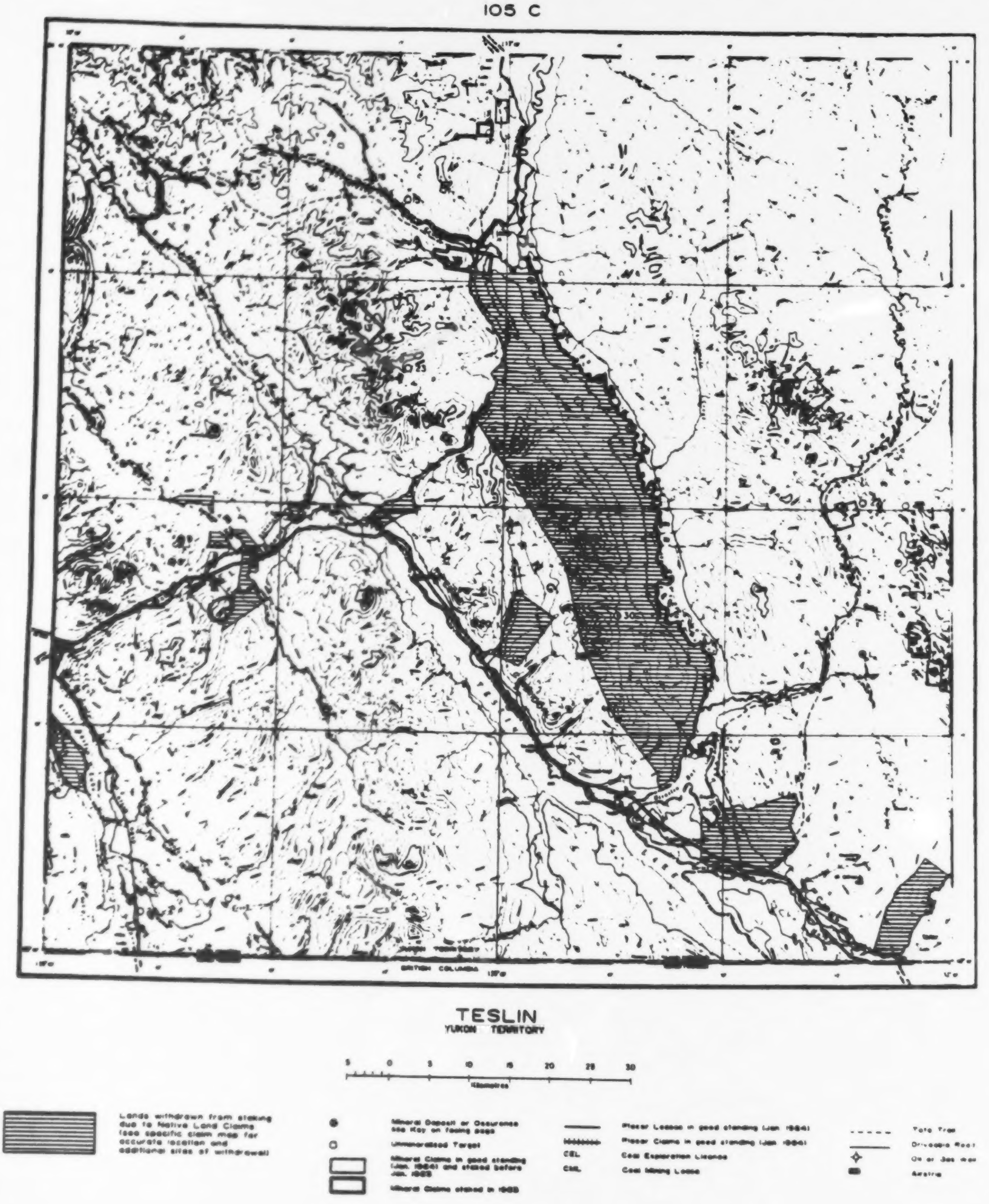
Preliminary Map Only


105 C
YUKON TERRITORY
BRITISH COLUMBIA
TESLIN
YUKON TERRITORY
5 0 5 10 15 20 25 30
Kilometres
Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
Mineral Deposit or Occurrence See Key on facing page
Unmineralized Target
Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983
Mineral Claims staked in 1983
Placer Leases in good standing (Jan. 1984)
Placer Claims in good standing (Jan. 1984)
CEL Coal Exploration Licence
CML Coal Mining Lease
Tote Trail
Driveable Road
Oil or Gas Well
Airstrip

TESLIN MAP-AREA (NTS 105 C)

General Reference: GSC Map 1125A and Memoir 326 by: R. Mulligan, 1963.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	KITCHEN	Vein Ag Pb	105 C 8	7	
2	BAR (SMEG)	Vein Pb Zn Ag Ba	105 C 9, 8	6	D.I.A.N.D. (1985, p. 153-154); This Report
4	TARFU	Work Target	105 C 4		
5	SLATE (SM)	Vein Ag Pb Zn	105 C 13	7	
6	RED MOUNTAIN	Porphyry Mo	105 C 13	2	D.I.A.N.D. (1983, p. 105-106)
7	RIBA	Asbestos	105 C 5	7	
8	SEAFORTH	Asbestos	105 C 5	7	
9	SQUANGA	Asbestos	105 C 5	7	
10	HAYES PEAK	Asbestos	105 C 6	7	Mulligan (1963, p. 78); D.I.A.N.D. (1982, p. 111)
11	GUNSIGHT	Asbestos	105 C 11	7	D.I.A.N.D. (1981, p. 162)
12	MOOSE HILL	Vein Pb	105 C 11	7	Lees (1936, p. 24); D.I.A.N.D. (1982, p. 111)
13	MARLIN	Vein Au Ag Pb	105 C 11	6	D.I.A.N.D. (1986, p. 63); This Report
14	MT. GRANT	Vein Cu	105 C 11	7	D.I.A.N.D. (1986, p. 64)
15	DRY	Work Target	105 C 14	9	
16	IRON CREEK	Occurrence Ag Au	105 C 14	7	
17	LINDSAY	Work Target	105 C 14	9	D.I.A.N.D. (1986, p. 65)
18	SIDNEY	Work Target	105 C 14, 13	9	Mulligan (1963, p. 77)
19	ROSY	Work Target	105 C 13	7	Bostock (1936, p. 6)
20	DEADMAN	Vein Ag Pb	105 C 6	7	
21	JACKALOO	Skarn Cu Fe	105 C 8	7	D.I.A.N.D. (1985, p. 154)
22	ABBA	Skarn Fe, Granite-associated U	105 C 9	7	D.I.A.N.D. (1983, p. 105-106, 109)
23	FORSURE	Work Target	105 C 11	9	D.I.A.N.D. (1981, p. 162)
24	CHRIS	Work Target	105 C 11	9	D.I.A.N.D. (1981, p. 162); D.I.A.N.D. (1985, p. 155)
25	NW	Porphyry Mo Cu	105 C 13	7	D.I.A.N.D. (1983, p. 105,107)
26	LISA	Work Target	105 C 14	9	D.I.A.N.D. (1981, p. 162)
27	MICH	Work Target	105 C 8	9	D.I.A.N.D. (1981, p. 162)
28	ORK	Skarn Sn W Cu Ag	105 C 9	7	D.I.A.N.D. (1985, p. 154)
29	MINDY	Skarn W Sn	105 C 9	6	D.I.A.N.D. (1983, p. 105,107, 109)
30	STARTIP	Work Target	105 C 7	9	Morin et al (1979, p. 78-79)
31	DB	Skarn Sn W	105 C 8	5	D.I.A.N.D. (1986, p. 62)
32	BAS	Skarn Cu Fe	105 C 8	7	D.I.A.N.D. (1982, p. 111)

33	GRIZZLY	Work Target	105 C 13	9	D.I.A.N.D. (1983, p. 105,108-109)
34	SAYEH	Work Target	105 C 6	9	D.I.A.N.D. (1983, p. 105,108)
35	CAT	Work Target	105 C 11	9	D.I.A.N.D. (1985, p. 155)
36	ED	Work Target	105 C 14	9	D.I.A.N.D. (1986, p. 65); This Report
37	JUBE	Work Target	105 C 5	9	D.I.A.N.D. (1985, p. 155); This Report
38	DON	Work Target	105 C 6	9	D.I.A.N.D. (1986, p. 65)

BAR 105 C 8 (2)
J.C. Stephen (60°30'N,132°15'W)

Claims 1985: BAR 47-50

ED 105 C 14 (36)
B. Poulin (60°47'N,133°08'W)

Claims 1985: 1-8, 1-26, 33-54

JUBE 105 C 5 (37)
E. Johnson (60°25'N,133°35'W)

Claims 1985: 11-33

MARLIN 105 C 11 (13)
Anooraq Resources Corp. (60°42'N,133°20'W)

Claims 1985: 1-68, 73-76, 78

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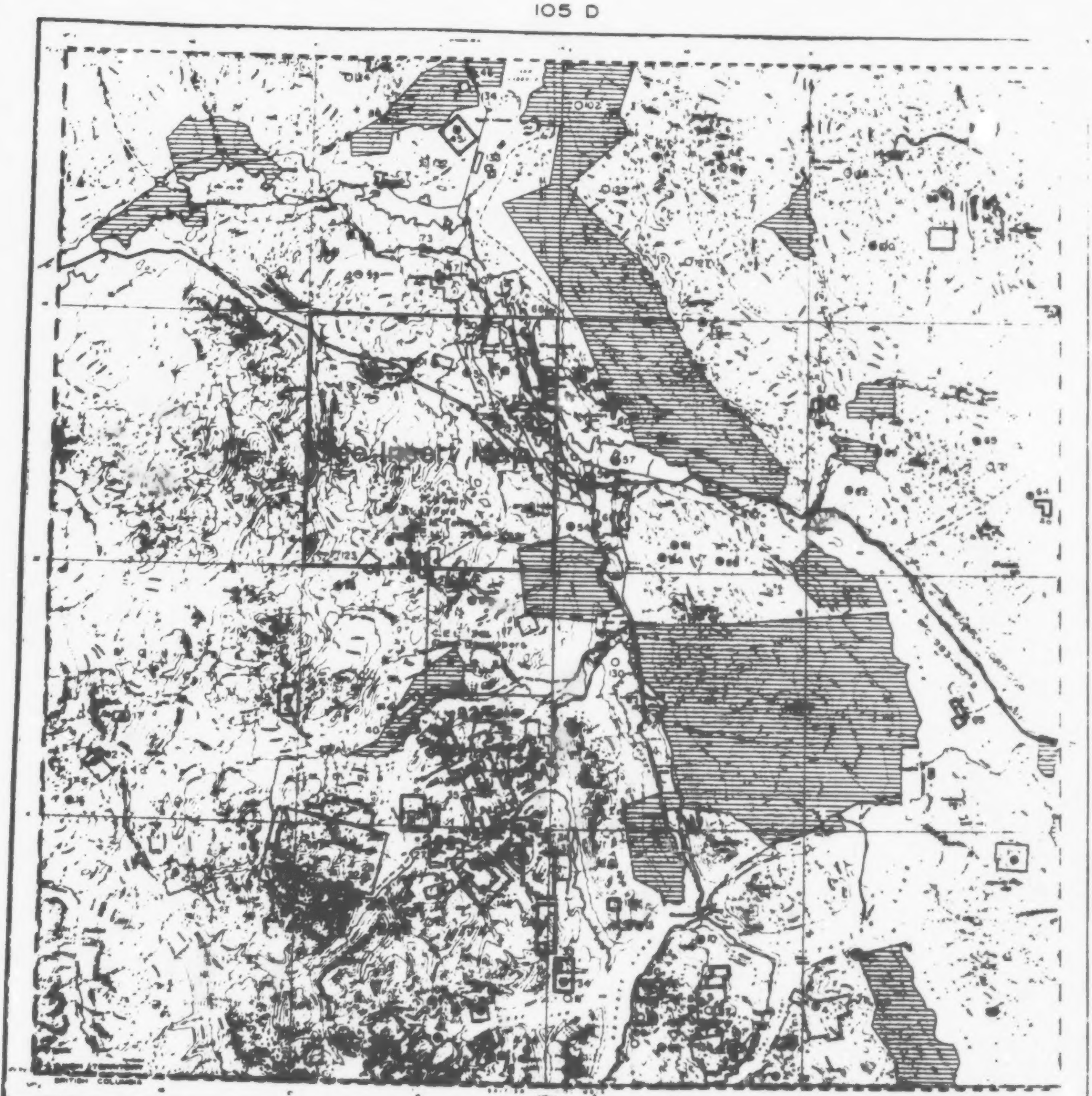
Preliminary Map Only

105 D



WHITEHORSE

YUKON TERRITORY

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
●	Mineral Deposit or Occurrence see Key on facing page
○	Unmineralised Target
▭	Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983
▭	Mineral Claims staked in 1983
—	Placer Leases in good standing (Jan. 1984)
┿┿┿	Placer Claims in good standing (Jan. 1984)
CEL	Coal Exploration Licence
CML	Coal Mining Lease
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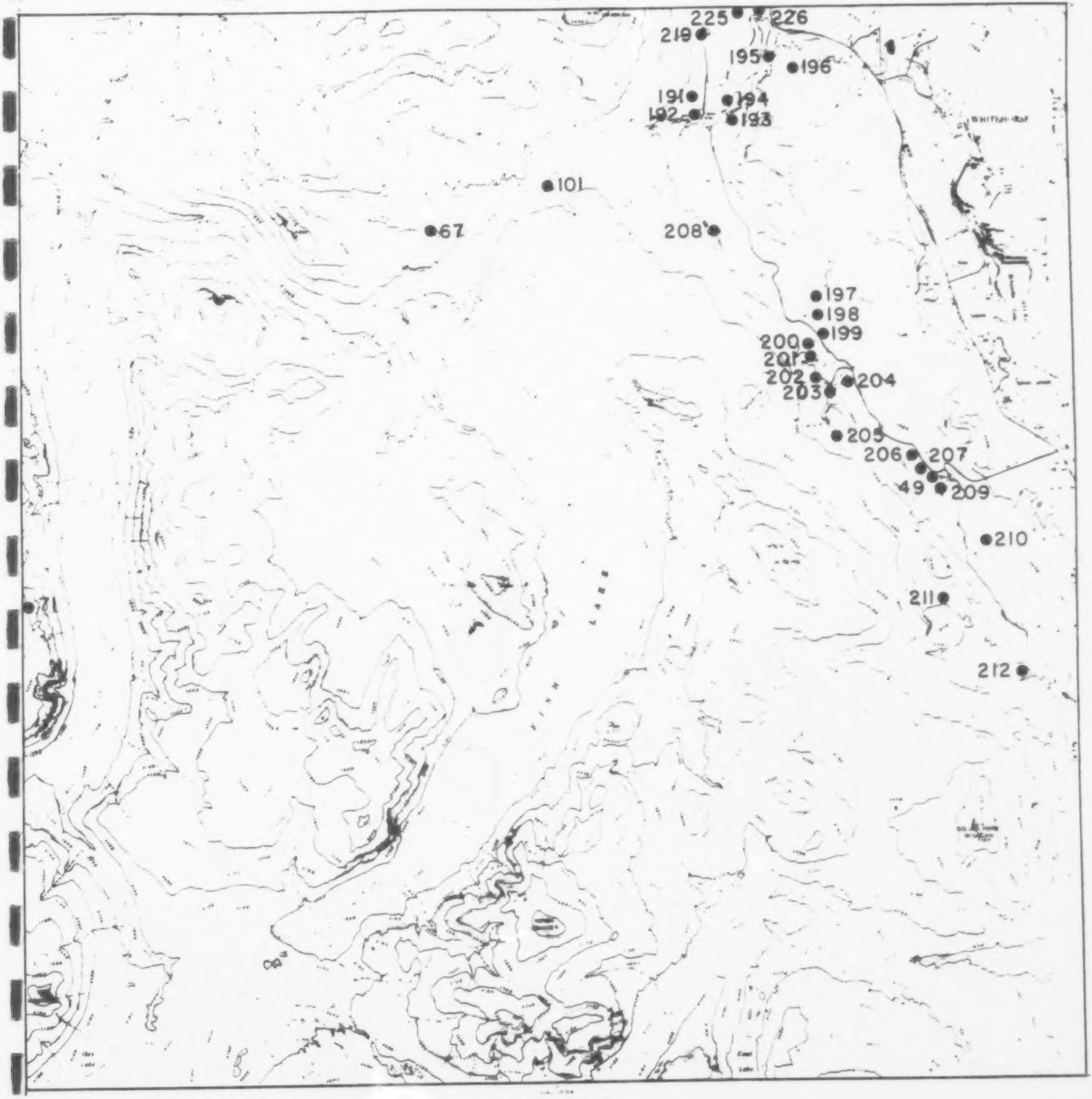
✧	Oil or Gas We
▬	Airstrip

CANADA

EDITION 4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WHITEHORSE
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LAKE

WHITEHORSE
YUKON TERRITORY

WHITEHORSE MAP-AREA (NTS 105 D)

General Reference: GSC Map 1093A and Memoir 312 by: J.O. Wheeler, 1961.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	JUBILEE	Vein Au	105 D 1	5	D.I.A.N.D. (1985, p. 159-160)
2	LULU	Vein Au Ag	105 D 2	7	Findlay (1966, p. 39); D.I.A.N.D. (1986, p. 74)
3	MILLET	Vein, Replacment Cu	105 D 2	7	
4	LIME	Porphyry Mo	105 D 1	6	D.I.A.N.D. (1981, p. 165)
5	VENUS	Vein Au Ag Pb Zn	105 D 2	3	D.I.A.N.D. (1982, p. 7, 18, 113, 116)
6	MONTANA	Vein Au Ag	105 D 2	4	Findlay (1969a, p. 60-61); This Report
7	THISTLE	Vein Au Ag Pb Zn Cu	105 D 2	7	D.I.A.N.D. (1986, p.74)
8	JEAN	Vein Au Ag	105 D 2	6	This Report
9	BIG THING (ARCTIC)	Vein Au Ag	105 D 2	3	D.I.A.N.D. (1981, p. 167)
10	CARCROSS	Vein Cu Mo	105 D 2	6	Findlay (1969a, p. 62); D.I.A.N.D. (1982, p. 117; 1986, p. 74)
11	KNOB HILL	Work Target	105 D 2	7	Bostock (1941, p. 143)
12	WABONA	Vein Zn	105 D 2	7	
13	COLLEGE GREEN	Vein Cu	105 D 2	7	D.I.A.N.D. (1986, p. 74)
14	FINGER	Vein Cu	105 D 2	7	
15	LATREILLE	Porphyry Cu Mo	105 D 3	7	D.I.A.N.D. (1981, p. 165)
16	PRIMROSE	Skarn Zn	105 D 5	7	D.I.A.N.D. (1982, p. 117)
17	ROSE	Vein Au Ag	105 D 5	7	D.I.A.N.D. (1983, p. 111-112, 118)
18	BOSTOCK	Vein Sb	105 D 4	7	Bostock (1941, p. 38)
19	CHARLESTON	Vein Au Ag	105 D 4, 3	5	This Report
20	BERNEY	Work Target	105 D 3	7	D.I.A.N.D. (1981, p. 168; 1986, p. 75)
21	MT. REID	Vein Au Ag Sb	105 D 3	6	This Report
22	RACA	Vein Au Ag Sb Breccia Cu Ag	105 D 3	2	This Report
23	MORNING	Vein Sb Zn	105 D 3	7	Bostock (1941, p. 36-37); D.I.A.N.D. (1982, p. 117)
24	GODDELL	Vein Sb Ag	105 D 3	6	Morin et al (1977, p. 50)
25	PORTER	Vein Sb Pb Zn Ag	105 D 3	7	D.I.A.N.D. (1986, p. 75)
26	BECKER-COCHRAN	Vein Sb Au Ag	105 D 3	5	This Report
27	FLEMING	Skarn Cu Fe	105 D 3	6	This Report
28	MT. ANDERSON	Vein Au Ag	105 D 3	3	D.I.A.N.D. (1981, p. 166)
29	TALLY-HO	Vein Au Ag Pb	105 D 3, 6	4	This Report
30	MT. WHEATON	Vein Au Ag	105 D 3, 6	7	Wheeler (1961, p. 122-123); D.I.A.N.D. (1985, p. 165; 1986, p. 77)
31	BUFFALO	Vein Au Ag	105 D 3	7	This Report
32	MT. STEVENS	Vein Au Ag	105 D 2	7	This Report

33	CROMWELL	Vein Ag Pb Cu	105 D 2	7	D.I.A.N.D. (1982, p. 117); D.I.A.N.D. (1985, p. 165)
34	MILLHAVEN	Vein Ag Pb Zn	105 D 2	7	This Report
35	GOLD HILL	Vein Au Ag	105 D 6	6	This Report
36	GOLD REEF	Vein Au Ag	105 D 6	4	This Report
37	UNION MINES	Vein Ag Pb Zn	105 D 6	5	Wheeler (1961, p. 135-136); D.I.A.N.D. (1986, p. 165); This Report
38	MT. BUSH	Coal	105 D 6	5	Cairnes (1916, p. 145-147)
39	LEGAL TENDER	Vein Ag Pb Zn	105 D 6	6	This Report
40	ALLIGATOR	Porphyry Cu Mo	105 D 6	7	Craig and Milner (1972, p. 44)
41	WHITEHORSE COAL	Coal	105 D 6, 11	6	D.I.A.N.D. (1986, p. 72)
42	MUD	Work Target	105 D 5	9	Findlay (1969a, p. 54-55)
43	ARKELL	Porphyry Mo	105 D 12	7	Craig and Milner (1975, p. 43)
44	INGRAM	Vein Ag Pb Zn	105 D 13	7	Wheeler (1961, p. 136-137)
45	CUTOFF	Vein Ag Au	105 D 14	7	D.I.A.N.D. (1982, p. 118; 1985, p. 165)
46	EFFIE	Asbestos	105 D 14	7	
47	POW	Skarn Cu W	105 D 15	7	D.I.A.N.D. (1981, p. 166); This Report
48	ACE	Vein Ag Au Pb Zn Cu	105 D 15	7	D.I.A.N.D. (1982, p. 118)
49	LITTLE CHIEF	Skarn Cu Au Ag	105 D 11	3	D.I.A.N.D. (1983, p. 111-113)
50	TREMAR	Work Target	105 D 3, 4	9	Craig and Laporte (1972, p. 113)
54	VAL	Porphyry Cu Mo	105 D 10	7	
55	DUGDALE	Work Target	105 D 10	9	Findlay (1969a, p. 54); D.I.A.N.D. (1986, p. 79)
57	LEWES RIVER	Work Target	105 D 10	9	Findlay (1969b, p. 34-35)
58	WALCOTT	Work Target	105 D 10	9	
59	GOLCONDA	Work Target	105 D 10	7	
50	GRONK	Work Target	105 D 10	7	
61	NIP	Work Target	105 D 10	7	
62	M'CLINTOCK	Vein, Replacement Cu	105 D 9	7	Wheeler (1961, p. 143; Craig & Milner (1975, p. 45)
63	MARSH	Mafic/ultramafic associated Ni Co Cu	105 D 8	7	D.I.A.N.D. (1983, p. 111, 114; 1986, p. 165); This Report
64	LAVALEE	Asbestos	105 D 9	7	D.I.A.N.D. (1986, p.79)
65	MICHIE	Mafic/ultramafic associated Cr, Asbestos	105 D 9	7	
66	RAILROAD	Vein Ag	105 D 2	7	This Report
67	GROUSE	Skarn Au Ag	105 D 11	5	D.I.A.N.D. (1986, p. 73)
68	IMP	Vein Cu	105 D 14	7	
69	BUCHANAN	Work Target	105 D 10	9	D.I.A.N.D. (1981, p. 168)
70	WHEELER	Work Target	105 D 10, 15	9	
71	HARNIAK	Vein Cu Ag Au	105 D 11	7	D.I.A.N.D. (1986, p. 79)
72	SHAW	Vein Cu Pb Zn Ag Au	105 D 3	5	D.I.A.N.D. (1982, p. 116, 117)
73	ALLISON	Work Target	105 D 14	9	
74	OPULENCE	Vein Sb	105 D 3	7	This Report
75	BOBO	Work Target	105 D 10	9	
76	DONKEY	Vein Ag Pb Zn Au Cu	105 D 6	7	D.I.A.N.D. (1982, p. 117)
77	DAWN	Work Target	105 D 11	9	
78	INCO	Porphyry Cu Mo	105 D 6	7	
79	SUITS (KING LAKE)	Porphyry Cu Mo	105 D 14	5	Sinclair et al (1975, p. 144-145)
80	FISH LAKE	Coal	105 D 11	7	
81	LUSCAR	Coal	105 D 11	2	D.I.A.N.D. (1986, p. 72)
82	PTARMIGAN	Coal	105 D 6	2	D.I.A.N.D. (1986, p. 72)

83	COAL RIDGE	Coal	105 D 6	2	D.I.A.N.D. (1986, p. 72)
84	BERESFORD	Coal	105 D 6	2	D.I.A.N.D. (1986, p. 72)
85	BOUDETTE	Coal	105 D 3, 4	7	Wheeler (1961, p. 143)
86	COMBS	Vein Au	105 D 10	7	
87	MIDGETT	Vein Cu	105 D 14	7	
88	GEE	Work Target	105 D 14	9	D.I.A.N.D. (1981, p. 168)
89	TONY	Vein Pb Ag Zn	105 D 3, 4	7	D.I.A.N.D. (1982, p. 118)
90	WEST	Work Target	105 D 3	9	D.I.A.N.D. (1981, p. 166)
91	PART	Occurrence Ag Au Pb	105 D 3	7	D.I.A.N.D. (1981, p. 167); This Report
92	PROSE (DEB)	Skarn Pb Zn Ag	105 D 5	6	This Report
93	POMPEI	Work Target	105 D 6	9	D.I.A.N.D. (1981, p. 168)
94	LORNE	Work Target	105 D 10	9	D.I.A.N.D. (1981, p. 168)
95	JAVA	Work Target	105 D 9	9	D.I.A.N.D. (1981, p. 168); D.I.A.N.D. (1985, p. 165)
96	GAMMON	Work Target	105 D 16	9	D.I.A.N.D. (1983, p. 114)
97	ART	Vein Au Ag	105 D 3	7	D.I.A.N.D. (1981, p. 167); This Report
98	MUNROE	Work Target	105 D 3	9	D.I.A.N.D. (1981, p. 167)
99	UNTILL	Work Target	105 D 14	9	Sinclair *et al* (1976, p. 104)
100	ABI	Vein Ag Pb Zn	105 D 16	7	Sinclair *et al* (1976, p. 108)
101	TOP	Work Target	105 D 11	9	Morin *et al* (1979, p. 61)
102	LABE	Work Target	105 D 15	9	D.I.A.N.D. (1982, p. 118)
103	CRO	Work Target	105 D 3	9	Morin *et al* (1980, p. 33)
104	BEN	Work Target	105 D 2	9	Morin *et al* (1980, p. 33)
105	RAM	Skarn Zn Pb Ag	105 D 4	5	D.I.A.N.D. (1983, p. 111, 114-115)
106	RAMING	Work Target	105 D 12	9	Morin *et al* (1980, p. 36)
107	OJ	Work Target	105 D 14	9	Morin *et al* (1980, p. 36)
108	ATHES	Work Target	105 D 2	9	D.I.A.N.D. (1982, p. 116; 1986, p. 74)
109	DUNK	Work Target	105 D 2	9	D.I.A.N.D. (1983, p. 115)
110	UNDAL	Work Target	105 D 2	9	D.I.A.N.D. (1982, p. 117)
111	TROLL	Work Target	105 D 2	9	D.I.A.N.D. (1982, p. 117)
112	ODD	Vein Cu Ag	105 D 3	7	This Report
113	BACHUS	Work Target	105 D 3	9	This Report
114	NAIAD	Vein Pb Ag	105 D 3	9	D.I.A.N.D. (1983, p. 116)
115	MT. SKUKUM	Vein Au	105 D 3	2	This Report
116	DAYIR	Skarn Cu Fe	105 D 6	9	D.I.A.N.D. (1983, p. 116)
117	EVIEW	Vein Pb Zn Ag	105 D 6	9	D.I.A.N.D. (1983, p. 117); This Report
118	TIKA	Work Target	105 D 7	9	This Report
119	ILLIA	Work Target	105 D 7	9	D.I.A.N.D. (1982, p. 117; 1986, p. 78)
120	AMN	Work Target	105 D 7	9	D.I.A.N.D. (1982, p. 117; 1986, p. 78)
121	ICHIE	Work Target	105 D 9	9	D.I.A.N.D. (1982, p. 118)
122	ALBATROS	Work Target	105 D 6	9	D.I.A.N.D. (1982, p. 117)
123	BEXI	Work Target	105 D 11	9	D.I.A.N.D. (1982, p. 118)
124	FLAT	Work Target	105 D 14	9	D.I.A.N.D. (1982, p. 118)
125	ERGE	Work Target	105 D 15	9	D.I.A.N.D. (1982, p. 118)
126	UNCER	Work Target	105 D 15	9	D.I.A.N.D. (1982, p. 118)
127	SLEWE	Work Target	105 D 15	9	D.I.A.N.D. (1982, p. 118)
128	UTSHIG	Work Target	105 D 16	9	D.I.A.N.D. (1983, p. 112, 117)
129	GLENLIVET	Work Target	105 D 3	9	This Report
130	RAVEN	Work Target	105 D 7	9	D.I.A.N.D. (1983, p. 112, 118)

131 MINK	Work Target	105 D 12	9	D.I.A.N.D. (1983, p. 112, 118)
132 LAKE	Work Target	105 D 14	9	D.I.A.N.D. (1983, p. 112, 118)
133 POOLY	Work Target	105 D 14	9	D.I.A.N.D. (1983, p. 112, 118)
134 A+B, C+D	Work Target	105 D 14	9	D.I.A.N.D. (1983, p. 112, 118)
135 OLLIE	Work Target	105 D 6	9	This Report
136 JOE PETTY	Vein Au Ag	105 D 2	4	Bostock (1957, p. 151-156, 211-213, 252-256, 606-609); This Report
137 URANUS	Vein Au Ag	105 D 2	4	Bostock (1957, p. 151-156, 211-213, 252-256, 606-609)
138 M&M	Vein Au Ag	105 D 2	4	Bostock (1957, p. 151-156, 211-213, 252-256, 606-609)
139 GRAY	Work Target	105 D 2	9	D.I.A.N.D. (1985, p. 165)
140 WATSON	Work Target	105 D 2	9	D.I.A.N.D. (1985, p. 165)
141 MED	Work Target	105 D 3	9	D.I.A.N.D. (1985, p. 165); D.I.A.N.D. (1986, p. 75)
142 TYCON	Work Target	105 D 3	9	D.I.A.N.D. (1986, p. 72)
143 LATER	Skarn Au Ag As	105 D 5	7	D.I.A.N.D. (1985, p. 162-165)
144 CR	Work Target	105 D 6	9	D.I.A.N.D. (1985, p. 165); D.I.A.N.D. (1986, p. 78)
145 BEAR	Work Target	105 D 6	9	D.I.A.N.D. (1985, p. 165)
146 CUP	Work Target	105 D 9	9	D.I.A.N.D. (1985, p. 165)
147 BEE	Vein Pb Zn Ag Au	105 D 14	7	This Report
148 MYHN	Work Target	105 D 2	9	D.I.A.N.D. (1986, p. 74)
149 RAD	Work Target	105 D 2	9	D.I.A.N.D. (1986, p. 74)
150 CON	Work Target	105 D 2	9	D.I.A.N.D. (1986, p. 74)
151 BO	Work Target	105 D 2	9	D.I.A.N.D. (1986, p. 74)
152 MATT	Work Target	105 D 3	9	This Report
153 SCAR	Work Target	105 D 3	9	This Report
154 MO	Work Target	105 D 3	9	D.I.A.N.D. (1986, p. 75)
155 ROB	Work Target	105 D 3	9	This Report
156 CHARLIE	Work Target	105 D 3	9	This Report
157 BUTTE	Work Target	105 D 3	9	D.I.A.N.D. (1986, p. 76)
158 HO	Work Target	105 D 3	9	D.I.A.N.D. (1986, p. 76)
159 TECH	Work Target	105 D 3	9	This Report
160 MAT	Work Target	105 D 3	9	D.I.A.N.D. (1986, p. 76); This Report
161 ERA	Work Target	105 D 3, 6, 2	9	D.I.A.N.D. (1986, p. 77)
162 HEAVY METAL	Work Target	105 D 3	9	D.I.A.N.D. (1986, p. 76)
163 JMT	Work Target	105 D 3	9	D.I.A.N.D. (1986, p. 76)
164 CUB	Work Target	105 D 3	9	D.I.A.N.D. (1986, p. 76)
165 SHEEP	Work Target	105 D 3	9	This Report
166 JJ	Work Target	105 D 4	9	D.I.A.N.D. (1986, p. 77)
167 FACE	Work Target	105 D 5	9	This Report
168 BOTWAT	Work Target	105 D 5, 6	9	This Report
169 CA	Work Target	105 D 5	9	D.I.A.N.D. (1986, p. 78)
170 MR	Work Target	105 D 3, 6	9	This Report
171 FANIN	Work Target	105 D 3, 6	9	This Report
172 STONE	Work Target	105 D 3, 6	9	This Report
173 WAL	Work Target	105 D 3, 6	9	This Report
174 SURPRISE	Work Target	105 D 7	9	D.I.A.N.D. (1986, p. 78)
175 TREE	Work Target	105 D 3	9	D.I.A.N.D. (1986, p. 77)
176 TEC	Work Target	105 D 3	9	D.I.A.N.D. (1986, p. 77)
177 A	Work Target	105 D 7	9	D.I.A.N.D. (1986, p. 79); This Report

178	ROSSBANK	Work Target	105 D 10	9	D.I.A.N.D. (1986, p. 79); This Report
179	ATA	Work Target	105 D 10, 11	9	D.I.A.N.D. (1986, p. 79)
180	CAMEO	Work Target	105 D 14	9	D.I.A.N.D. (1986, p. 79)
181	GUAJALOTE	Work Target	105 D 14	9	D.I.A.N.D. (1986, p. 79)
182	DRILL	Work Target	105 D 14	9	D.I.A.N.D. (1986, p. 80)
183	WOE	Work Target	105 D 11	9	D.I.A.N.D. (1986, p. 80)
184	MURIEL	Work Target	105 D 14	9	This Report
185	DUST	Work Target	105 D 14	9	D.I.A.N.D. (1986, p. 70)
186	WATER	Work Target	105 D 14	9	D.I.A.N.D. (1986, p. 70)
187	GILL	Work Target	105 D 14	9	D.I.A.N.D. (1986, p. 70)
188	PEERLESS	Work Target	105 D 2	9	D.I.A.N.D. (1981, p. 116-122, 167); This Report
189	PRIDE OF YUKON	Work Target	105 D 2	9	D.I.A.N.D. (1981, p. 117, 120)
190	RABBIT FOOT	Skarn Cu Au	105 D 11	7	Watson (1984)
191	GULCH	Work Target	105 D 11	9	Watson (1984)
192	PUEBLO	Skarn Cu Au Ag	105 D 11	4	Watson (1984)
193	RESERVOIR LAKE	Vein Cu	105 D 11	7	Watson (1984)
194	SCHEELITE	Vein Cu Au W	105 D 11	7	Watson (1984)
195	COPPER KING	Skarn Cu Au Ag Mo	105 D 11	4	Watson (1984)
196	CARLISLE	Skarn Cu Au Ag	105 D 11	4	Watson (1984)
197	SPRING CREEK	Skarn Cu	105 D 11	7	Watson (1984)
198	EMPRESS OF INDIA	Skarn Cu W	105 D 11	7	Watson (1984)
199	RETRIBUTION	Skarn Cu	105 D 11	7	Watson (1984)
200	BEST CHANCE	Skarn Cu Au Ag Pt Pd	105 D 11	2	Watson (1984)
201	GRAFTER	Skarn Cu Mo	105 D 11	4	Watson (1984)
202	ARCTIC CHIEF	Skarn Cu Au Ag Ga Pt Pd	105 D 11	4	Watson (1984)
203	SUBURBAN	Skarn Cu Au Ga	105 D 11	7	Watson (1984)
204	VERONA	Skarn Cu Au Ga	105 D 11	7	Watson (1984)
205	POLAR	Vein Cu	105 D 11	7	Watson (1984)
206	BIG CHIEF	Skarn Cu Au Ag Ga Pt Pd	105 D 11	7	Watson (1984)
207	MIDDLE CHIEF	Skarn Cu Au Ag Ga Pt Pd	105 D 11	4	Watson (1984)
208	MAC	Work Target	105 D 11	9	This Report
209	VALERIE	Skarn Cu Au Ag Ga Pt Pd	105 D 11	4	Watson (1984)
210	NORTH STAR	Skarn Cu Au Ag	105 D 11	7	Watson (1984)
211	PASS LAKE	Skarn Cu Au	105 D 11	7	Watson (1984)
212	COPPER CLIFF	Skarn Cu	105 D 11	7	Watson (1984)
213	COWLEY PARK, SUE	Skarn Cu Mo Au Ag	105 D 11	2	Watson (1984)
214	BLACK CUB, GRIZZLY CUB, BROWN CUB, RAILWAY	Skarn Cu Au Ag Mo	105 D 11	3	Watson (1984)
215	KEEWENAN	Skarn Cu Au Ag Mo1	105 D 11	3	Watson (1984)
216	GEM	Skarn Cu	105 D 11	2	Watson (1984)
217	KODIAK CUB	Skarn Cu	105 D 11	2	Watson (1984)
218	AUL	Work Target	105 D 3	9	This Report
219	O.B.I.	Work Target	105 D 3	9	This Report
220	KIM	Work Target	105 D 3	9	This Report
221	KIR	Work Target	105 D 3	9	This Report
222	RAIN	Work Target	105 D 3	9	This Report
223	WIND	Work Target	105 D 3	9	This Report
224	RED RIDGE	Work Target	105 D 3	9	This Report
225	WAR EAGLE	Skarn Cu Au Ag Mo Ca	105 D 11	4	This Report
226	ANACONDA	Skarn Cu Au	105 D 11	7	This Report

WHEATON RIVER JOINT VENTURE

Tally-Ho Exploration Inc.
Euro-Petroleum Corporation
Wesclift Resources Ltd.
G. Macdonald and Associates Ltd.

Au, Ag
Vein/Replacement
105 D 2,3,6
(32,34,35,36,39,66,74)
(60°10'N, 135°00'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1981, p.113; 1982, p.117; 1985, p.165)

Claims: MINI 1-44; WEST 1-24; MIL 1-32; BUFFALO 1-12; MED 1-32; WHEATON 1-8

Source: Summary by B. Lueck of assessment report 091626 by G. Macdonald.

History:

Claims were first staked in the Wheaton River area in the early 1890's. In 1906, gold was discovered in quartz veins on Gold Hill. Limited production was seen in the area before World War I and small shipments of high grade gold and silver ores were shipped from Venus Mines, Gold Hill, Mt. Stevens and Mt. Anderson. Between 1918 and 1921 Tally-Ho Mines produced and shipped around 10,000 tons of high grade gold and silver ore.

Description:

The claims are underlain by rocks of varying ages. Paleozoic rocks include schists, gneisses and mafic meta-volcanics. Much of the area is intruded by Cretaceous batholiths. A sequence of Tertiary volcanic flows, breccias and tuffs in which rhyolites and andesites are most common have been cut by numerous steep faults which are thought to represent synvolcanic subsidence fractures. Zones of gold-silver-base metal mineralization are associated with these faults and the felsic dykes which intrude along them.

Gold and silver occurs in vein systems associated with galena, tetrahedrite, argentite and tellurides. Gangue material is typically quartz and calcite although other carbonates are also present. Precious metals may also occur with chalcopyrite and pyrite in silicified zones within rhyolite tuffs.

Current Work and Results:

The 1984 field season consisted of reconnaissance geological and geochemical prospecting with grid control, followed by bulldozer trenching of favourable areas. Three new gold bearing quartz-calcite-siderite veins were discovered by trenching and four new 'float' occurrences were pinpointed. A sphalerite skarn, crosscut by stibnite-quartz veins, was discovered on the MIN claims. Geochemical surveying has indicated a potentially linear zone of gold-silver mineralization.

Fourteen previously known mineral occurrences were evaluated. Their description and location is as follows:

1. Legal Tender (39), NTS 105 D 6
   Reference: Cairnes (1912, p.112-113).
   Trenching, 30.5m adit. Quartz veins up to 2.13m wide in granitic rocks, assays (1977). Trace to 326 g/t gold and 2204 g/t silver.

2. Mt. Hodnett ('Lucky Boy'), NTS 105 D 6
   Trenching (pre-1927; and 1979). Sphalerite, galena, pyrite in quartz vein in granitic rocks.

3. Gold Reef (36), NTS 105 D 6
   Reference: D.I.A.N.D. (1985, p.165), Wheeler (1961, p.123).
   Several hundreds of feet underground drifting 1921-27; irregular pockets of sylvanite, gold, galena in quartz vein in granitic rocks.

4. Gold Hill South (35), NTS 105 D 6
   Reference: Cairnes (1916, p.43).
   1983 discovery. Silicified and carbonatized rhyolite containing tetrahedrite; assayed 761 g/t of silver; local barite float.

5. Gold Hill North (35), NTS 105 D 6
   Reference: Cairnes (1916, p.43).
   Old pits and shafts trace tetrahedrite-bearing quartz vein in volcanics for a reported length of 305m.

6. Pugh Peak, NTS 105 D 6
   Chalcopyrite and molybdenite in float (felsenmeer) near aeromagnetic anomaly; quartz vein float assays 8.57 g/t gold; granitic breccia (?) host rock.

7. Dail Creek, NTS 105 D 6
   Trenching (pre-1927); quartz vein 0.23m-0.50m wide; assays reported at 51.7 g/t gold, 538 g/t silver; granitic host rock.

8. McDonald Shaft, NTS 105 D 3
Trenching, 6.1m shaft (pre-1912); gold trace to 5.5 g/t; silver 6.9 to 435 g/t; quartz vein 0.6m wide in granitic rocks.

9. Gopher, Silver Queen, NTS 105 D 3
Trenching (pre-1912); one sample reported: gold 28.8 g/t, silver 17.1 g/t; quartz veins up to 2.13m wide in 'greenstone'.

10. Mt. Stevens (32), NTS 105 D 3
Reference: D.I.A.N.D. (1986, p.70).
Old trenching and underground drifting; tellurides, gold and galena in quartz float boulders in granitic and volcanic float; limited production pre-1927.

11. Stony Mountain (74-OPULENCE), NTS 105 D 2
Reference: D.I.A.N.D (1985, p.165); D.I.A.N.D. (1986, p.75).

12. Millhaven Bay (North) (34), NTS 105 D 2
Reference: D.I.A.N.D. (1982, p.117).
Pre-WWI trenches and short adits; quartz-carbonate veins cutting volcanic rocks carry minor arsenopyrite.

13. Millhaven Bay (South) (34), NTS 105 D 2
Reference: D.I.A.N.D. (1982, p.117).
Adits (to 30.5m long) and trenching from 1900 to 1908; in major E-W fault zone cutting volcanic rocks; grab sample reported 6.9% Cu, 4.6% Pb and 318.8 g/t.

14. Dundalk (66-RAILROAD), NTS 105 D 2
Three short old (pre-WWI) adits and trenches (no assays); copper "staining" (malachite?) reported in sheared and silicified andesitic volcanic rocks; Geochemical anomaly.

The new occurrences include three gold-silver veins. One of these on Gold Hill is traced for 30m and assays from 4.45 - 203.9 g/t Au and 233 - 3325 g/t Ag with a width from 0.5 to 1.0m. Another vein on the Wheaton claims (WHEATON 5,6) is traced in trenches for 11m and assays range 26.7 - 294.8 g/t Au and 51.4 - 144.0 g/t Ag with a width from 0.3 to 0.8m. Another vein is traced for 15m with assays ranging from 21.9 - 41.5 g/t Au and 1199.9 - 1405.6 g/t Ag with a width ranging from 0.17 to 0.3m.

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JEAN

Anooraq Resources Corp. Ltd.

Au, Ag
Vein
105 D 2 (8)
(60°04'N, 134°43'W)
Whitehorse M.D.

Reference: Green and Godwin (1964, p.39-40), Findlay (1969a, p.62), Roots (1981, p.120), D.I.A.N.D. (1986, p.74).

Claims: JEAN; KODAK; HAZEL; MON 1-16; TB 1-6

Source: Summary by D.S. Emond from assessment report 091624 by G. Macdonald.

History:

The JEAN claim was staked by Mathew Watson in September, 1936 over a discovery of gold-silver-bearing quartz float. The KODAK and HAZEL claims were added in June 1939 following hand trenching which exposed a NNW-trending vein assaying up to 294.85 g/t Au over 0.30 to 0.61 m widths. The claims were surveyed to lease in 1958 and optioned to New Imperial Mines Ltd. in 1960 who performed further trenching, road construction and 61 m of adit-entry drifting in 1961-62. Additional exploration consisted of four short underground diamond drill holes by Arctic Gold and Silver Mines Ltd. under an option agreement in 1967. In 1981 Dupont Exploration performed limited geological mapping on the claims during follow-up of a gold-in silt anomaly. Anooraq Resources staked the MON and TB claims in 1984.

Description:

The property covers the contact between Early Cretaceous Hutshi andesite flows and Late Cretaceous quartz-monzonite. The andesites are weakly regionally metamorphosed and have moderate contact alteration. The granitic rocks are locally, moderately to intensely fractured near the intrusive contact, with a series of large NNW striking fractures and a subsidiary, perpendicular set of fractures. These fractures contain quartz-calcite veins and microveins in widths of 30.5 cm - 61.0 cm in the main set and 0.32 cm - 2.54 cm in the subsidiary set.

Two sub-parallel vein systems are oriented along the granite-andesite contact and may be faulted portions of one vein. The upper zone contains up to 20% of galena-sphalerite-pyrite (± arsenopyrite) over, up to a 61 cm width, while the lower zone contains stibnite-arsenopyrite-sphalerite-pyrite-galena in a fracture swarm over 2.5 to 3.0 m wide. Precious metals also occur in low sulphide, west trenching quartz veins up to 7.6 cm wide and with finely disseminated pyrite in weakly altered granite.

Current Work and Results:

Two property visits were performed in August, 1984 during which sulphide mineralization was described and sampled. Fourteen grab samples and three chip samples were taken. The best sample of the upper vein zone assayed 940.09 g/t Au, 1098.48 g/t Ag, 10.6% Pb and 6.52% Zn over 30.5 cm; and the lower zone assayed 65.76 g/t Au, 175.54 g/t Ag and 2.14% Pb over 15.2 cm.

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CHARLESTON
Shakwak Exploration Company Ltd.

Au, Ag
Vein/Replacement
105 D 3,4 (19)
(60°10'N, 135°30'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1982, p.114; 1985, p.157,165).

Claims: HO 1-20; CHARLESTON C.G.

Source: Summary by D.S. Emond from assessment report 091648 by G.C. MacDonald.

History:

The Charleston vein was discovered and staked in 1907. It subsequently lapsed and was restaked in 1911 and sold in 1912 to Mathew Watson of Carcross. Prospecting with pits and trenches was carried out until 1918 when an option was granted to the Plate Creek Mining Company. During 1921, the company drove a 61.0m adit along the vein which assayed an average of 11.31 g/t Au and 291.42 g/t Ag over a 0.61 to 1.52m width and a 249.02m length. The option lapsed and E. Johnson and M. Watson continued to prospect the property with trenching until it was brought to lease in 1954. Little work has been done since that time.

Shakwak Exploration Co. Ltd. optioned the Charleston C.G. claim from Douglas Watson in 1984 and staked the adjacent HO claims in 1985.

Description:

The Charleston property is underlain by mainly Mid-Cretaceous granite and granodiorite which intrude metasedimentary rocks of the Yukon Metamorphic Complex. A northwest-trending rhyolite porphyry dyke cuts the granodiorite on the HO 1 claim.

Current Work and Results:

A program of prospecting, trenching and sampling was conducted in November, 1984. Five old trenches were relocated on the Charleston C.G. and were mapped, reblasted and sampled. Prospecting on the HO 1 claim revealed a new zone approximately 106.7m south of the known vein which was exposed by blasting of two trenches across the structure. Strike length of this zone exceeds 30.5m. The width is from 0.3m to 1.8m, and mineralogy is quartz and calcite with 2-5% sulphides (galena, pyrite, chalcopyrite, tetrahedrite). Large samples (6-12 kg) from this zone assayed as follows: 1) 14.40 g/t Au, 671.98 g/t Ag and 2.9% Pb over 1.89m, 2) 17.83 g/t Au, 122.05 g/t Ag and 1.8% Pb over 0.61m, and 3) 86.40 g/t Au, 1011.40 g/t Ag and 13% Pb over 0.18m.

*****

MT. REID
Omni Resources

Au, Ag
Vein
105 D 3 (21)
($60^{o}11'$N, $135^{o}25'$W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1982, p.114); Sinclair et al. (1975, p.146-147).

Claims: TEX 1-22; KIR 1-32; ERN 1-25,27,30-33; WH 1-8; OMNI 1-12; TREE 1-5

Source: Summary by B. Lueck of assessment report 091772 by Aurum Geological Consultants.

Current Work and Results:

Work in 1985 consisted of 23 NQ diamond drill holes totalling 2022m, four reverse circulation percussion holes totalling 560m, limited resistivity geophysical surveys, soil sampling, prospecting, bulldozer and hand trenching.

Gold-silver base metal sulphide bearing veins associated with altered rhyolite and andesite dykes fill a shear zone cutting intensely altered and silicified granodiorite. Gold-silver mineralization contained within sulphides occurs within a gangue of quartz, gouge and lithic breccia.

*****

RACA
Westmount Resources Ltd.

Au, Ag, Cu, Sb
Vein
105 D 3 (22)
(60°11'N, 135°23'W)
Whitehorse M.D.

Reference: Craig and Milner (1975, p.55).

Claims: RACA 8-11

Source: Summary by B. Lueck of assessment report 091769 by J.C. Freeze (White Geophysical Inc.).

History:

The RACA claims were staked in 1971 by J.B. O'Neill and M.P. Phillips. These claims were sold to Westmount Resources Ld. in 1973. The property was evaluated at this time as a copper-molybdenum prospect and it was concluded that only low grade (0.1 to 0.5%) copper mineralization was present.

The property is being re-evaluated as an epithermal precious metal prospect, associated with subsidence fractures in the Mt. Skukum volcanic complex.

Description:

The property overlies the contact between Cretaceous granodiorite and Eocene Mt. Skukum Volcanics. Sulphide mineralization consists of a Cu-Mo contact breccia which is variably pyritized. Precious metals occur within quartz carbonate veins.

Current Work and Results:

Reconnaissance channel sampling has identified several zones of gold mineralization with several 10 m chip samples assaying over 0.34 g/t Au and one 20 m chip sample assayed 4.45 g/t Au with 21.9 g/t Ag.

Twenty three soil samples were analyzed for Pb,Ag,As,Hg,Sb and Au. No anomalies were detected.

*****

FLEMING
New Ridge Resources Ltd.

Work Target
105 D 3 (27)
(60°13'N, 135°14'W)
Whitehorse M.D.

Reference: Morin et al. (1979, p.150).

Claims: RIDGE 1-15

Source: Summary by B. Lueck of assessment report 091771 by R.S. Rogers (Rogers Exploration Services Ltd.).

Current Work and Results:

In 1985, a limited exploration program was carried out in October, with most of the ground covered by snow. Exploration consisted of a VLF-EM geophysical survey and geochemical soil and rock sampling, with analyses for Cu,Co,Au,Ag,Pb,Zn,As,Sb. Several anomalous zones were recognized with coincident geochemical and geophysical anomalies. Showings of skarn mineralization in trenches on the property contain low grade Pb,Zn,Cu,Ni,Co,Au,Ag mineralization.

*****

TALLY-HO
Tally-Ho Exploration Ltd.

Au, Ag, Pb
Vein/Replacement
105 D 3, 6 (29)
(60°15'N, 135°04'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1985, p. 160).

Claims: TALLY-HO 1-13, 15-22; TH 1-22; BUFFALO 1-12.

Source: Summary by D.S. Emond from assessment report 091622 by G. Macdonald.

History:

Lode gold-silver mineralization was found in 1907 and eight claims were staked by C.I. Burnside, C.J. Irvine and L. Belney. In 1909, they drove a 76.2 m adit plus short raises, winzes and crosscuts on the vein, and several hand sorted shipments were made to the Tacoma Smelter between 1909 and 1921. The only documented shipment was from 1917-1918 with 10,371 tonnes assaying 80.23 g/t Au, 174.85 g/t Ag and 6.85% Pb. The Tally-Ho Mining Co. Ltd. was formed in 1921. Another 122 m adit was driven in 1923 and development continued until 1938.

The eight claims were converted to Crown Grants by the Tally-Ho Mining Co. Ltd. In 1966 they were optioned to Silver Pack Mining Ltd., and another 100 claims were staked. They tried to rehabilitate the adits and drilled five diamond drill holes totalling 459.94 m, from a crosscut. Two short diamond drill holes were drilled in 1967. Five grab samples taken by Silver Pack Mines Ltd. from the adits averaged 120.57 g/t Au, 144.00 g/t Ag and 6.8% Pb.

Current Work and Results:

In 1983, a program of preliminary geological reconnaissance, geochemical and geophysical surveying and trenching was carried out. A total of 108 soil samples were collected over a reconnaissance grid on the Tally-Ho 5-13 claims with samples collected at 25 m intervals on 100 m spaced lines. Samples were analyzed for lead and mercury. Two extreme lead anomalies were found with values of 7650 and 3800 ppm (45 ppm background) along an ESE trend and one mercury anomaly, with 140 ppm Hg was located. Mercury correlated closely with lead.

The grid was also used for a proton magnetometer and a VLF-EM survey. The Frazer Filtered VLF-EM data gave one main, long, ESE-trending anomaly in the northern part of the grid which is partly coincident in the east, with the soil geochemical anomaly. Several weaker anomalies are present in the southern part of the grid and may coincide with quartz veins. A linear, northwest-trending magnetic anomaly with a relief of over 6,000 gammas over 100 m occurs in the southern grid area. Float material of magnetite-bearing pinditite and magnetite-garnet-diopside-calcite skarn are possible sources for this anomaly.

In 1983 several hand-drilled and blasted trenches were excavated on vein-float targets. The largest trench (15 m x 2 m x 1 m) cut into a chalcedonic, brecciated quartz vein on TALLY-HO 7. Two smaller trenches were blasted (3 m x 1 m x 1 m) in rusty shear zones on TH 19 and 20.

*****

BUFFLO	Au, Ag
TALLY-HO Exploration Ltd. (1985)	Vein/Replacement
	105 D 3 (31)
	(60°13'N, 135°01'W)
	Whitehorse M.D.

Reference: D.I.A.N.D. (1982, p.117; 1985, p.165; 1986, p.67).

Claims: BUFFLO 1-12

Source: Summary by B. Lueck of assessment report 091794 by G.S. Davidson.

History:

This property is located at the top of Mt. Stevens in the Wheaton River area. Gold was first discovered on Mt. Stevens in quartz veins in 1906. A total of 32 m of drifting were done in 1909, followed by 15 m of drifting between 1923 and 1927. No records of production are reported.

Description:

The property is underlain by Triassic Lewes River Group metamorphosed sedimentary and volcanic rocks. More recent dykes and extensive fractures also occur on the property.

Current Work and Results:

In 1985, a four man crew performed line cutting, soil and rock geochemical sampling, bulldozer trenching and rotary percussion drilling. A total of 268 soil and 45 rock samples were collected and analyzed for gold, silver and lead. Several northwesterly trending soil anomalies were detected. Trenching uncovered zones which assayed up to 2.5 g/t Au with 875 g/t Ag over 50 cm. Drilling failed to encounter any ore grade material.

*****

GOLD HILL

TALLY-HO Exploration Ltd.

Work Target
105 D 3 (35)
(60°17'N, 135°12'W)
Whitehorse M.D.

Reference: Cairnes (1916, p.43).

Claims: CR 8, 12; NEIL 1-12

Source: Summary by B. Lueck of assessment report 091793 by G.S. Davidson.

Current Work and Results:

A geochemical survey, consisting of 189 soil samples collected along flagged lines, was conducted in 1985. Samples were analyzed for gold, silver, copper and lead. Only two soil samples from the CR 8 claim were anomalous with 200 and 180 ppb Au. Detailed sampling in this area failed to detect further anomalies.

*****

PART

MineQuest Exploration Associates Ltd.

Au, Ag
Vein
105 D 3 (91)
(60°01'N, 135°13'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1981, p.167).

Claims: PART 1-27

Source: Summary by B. Lueck of assessment report 091792 by R.V. Longe.

Description:

The Part claims are contained within the Bennet Lake Cauldron Subsidence Complex. The same ground was previously staked for uranium. The current exploration program focuses on prospecting for gold and silver.

Current Work and Results:

Gold and silver mineralization was discovered north of Partridge Lake. The gold occurs in narrow fracture zones in an intensely welded ignimbrite. Exploration consisted of hand trenching and grab sampling of vein material. The best values were obtained from a 40 cm chip sample which assayed 57.94 g/t Au and 3583 g/t Ag.

*****

ODD

Shakwak Exploration Co. Ltd.

Cu, Ag
Vein
105 D 2,3 (112)
(60°12'N, 135°61'W)
Whitehorse M.D.

References: D.I.A.N.D. (1985, p.165; 1983 p.112,115-116).

Claims: MAX 1-39

Source: Summary by B. Lueck of assessment report 091643 by G.C. Macdonald.

Current Work and Results:

A grid VLF-EM survey, reconnaissance soil and rock geochemistry and diamond drilling were carried out in 1985.

The VLF-EM survey shows low order conductors parallel to rock unit contacts. A total of 142 soil and rock samples were collected and assayed for gold and silver. A linear geochemical anomaly exists over one of the VLF-EM conductors with up to 150 ppb Au and 24 ppm Ag reported. One rock sample assayed 2.95 g/t Au.

A road was built to the drill sites on the MAX 15 and 16 claims. Four diamond drill holes totalling 125 m were drilled. One hole intersected a quartz vein which assayed 46.3 g/t Au with 19.9 g/t Ag over 1.37 m.

*****

BACHUS
Carmac Resources Ltd.

Ag, Au, Pb, Zn
Vein
105 D 3 (113)
(60°10'N, 135°14'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1982, p. 117; 1986, p. 75)

Claims: MOM 1-10, 15-44, 47-89

Source: Summary by D.S. Emond from assessment report 091617 by G.C. Macdonald with appended report by C.A. Main (Archer, Cathro & Associates (1981) Ltd.

History:

The first recorded claims staked in the region were located by prospectors Frank Corwin and Thomas Rickman on Carbon Hill, Chieftain Hill and Mt. Anderson in 1893. They excavated numerous pits and trenches on Carbon Hill and returned to Juneau (their base) with high grade samples of antimony and gold-quartz mineralization. In the Wheaton District varying degrees of prospecting, including underground development of the more interesting veins, was carried out intermittently until the mid-1920's and again from the late 1940's to the present with periodic "rushes". During 1966-1968, extensive underground exploration was carried out at the Becker-Cochran property on the east side of Carbon Hill by Yukon Antimony Ltd. where reserves of antimony-silver ore were indicated.

Description:

Quartz-biotite-muscovite schists, micaceous quartzite and quartz-biotite gneiss of the Yukon Metamorphic Complex occur on the property, mainly above 1600 m elevation. Andesitic flow rocks of the Hutshi (?) Group occur in the central part of the property. The above mentioned rocks are intruded by fresh, equigranular, medium-grained biotite-hornblende granodiorite or quartz monzonite of Cretaceous age which is fractured and locally sheared in the contact area (parallel) to the contact (95° to 105°). Late Tertiary andesite and rhyolite dykes and sills cut all other units on the property and are commonly brecciated, altered and internally veined. Country rocks are moderately to intensely altered adjacent to most dykes.

The Porter Mine occurs at the west end of Carbon Hill and is covered by Crown Grants. The main adit was over 335 m long and intersected up to 20 vein structures with antimony, zinc, silver and minor gold in quartz veins. The best assay reported from the mine is 171 g/t Ag and 8.57 g/t Au over a 20 cm width with no record of production. On the MOM claims 500 m to the east and south of this mine, several quartz veins are exposed in upper Antimony Creek and are the eastern extension of veins exposed in the mine. The quartz veins exhibit colliform textures with drusy cavities, strike subparallel to the sheared intrusive contact, dip flat to 30°N, and are mostly 1-2 cm wide, but vary up to 20-30 cm. The Becker-Cochran zone may also extend on to the property.

Current Work and Results:

In July and August 1984 two property visits were conducted, one by G. Macdonald and the second by C.A. Main.

The in situ quartz veins were generally barren of sulphides although several specimens contained minor disseminated galena and pale brown sphalerite. Ten samples of vein material were assayed for silver and gold. A representative chip sample of quartz vein over 30 cm assayed 0.34 g/t Ag and 0.21 g/t Au.

*****

BACHUS
Carmac Resources Ltd.

Ag, Au, Pb, Zn
Vein
105 D 3 (113)
(60°10'N, 135°14'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1982, p.117; 1986, p.75).

Claims: MOM 1-10, 15-44, 47-89

Source: Summary by B. Lueck of assessment report 091681 by G.S. Davidson (G. Macdonald and Associates Ltd.).

Current Work and Results:

Reconnaissance exploration consisted of geologic mapping, prospecting and soil and silt sampling. Twenty-eight silt and 226 soil samples were collected and analyzed for Au, Ag, Cu and Pb.

Results show two moderately strong gold anomalies on the property with up to 680 ppb Au. A coincident Cu, Ag and Pb anomaly is present as are isolated Pb, Ag anomalies.

*****

MT. SKUKUM

Erickson Gold Mines Ltd.

Au, Ag
Vein
105 D 3 (115)
(60°13'N, 135°22'W)
Whitehorse M.D.

References: D.I.A.N.D. (1985, p.162-164; 1986, p.71).

Claims: Butte 1-34

Source: Summary by B. Lueck of assessment report 091652 by R. Somerville.

Current Work and Results:

Nine rotary drill holes totalling 133 m were completed in 1985 with 293 cubic metres of material taken out.

*****

TIKA

Noranda Exploration Co. Ltd.

Work Target
105 D 7 (118)
(60°17'N, 134°55'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1982, p.117; 1986, p.78).

Claims: RYE 1-70

Source: Summary by B. Lueck of assessment report 091641 by M.P. Webster.

Description:

The claims are underlain by Triassic volcanic and sedimentary rocks of the Lewes River Group which are overlain by Jurassic Laberge Group sediments. Cretaceous granodiorite intruded the south end of the claim block and Tertiary rhyolite dykes or sills intrude the sedimentary and volcanic layers over the bulk of the claims.

Current Work and Results:

In 1984, geologic mapping at a 1:10 000 scale and geochemical rock, talus fine and silt sampling was done. A total of 115 samples were analyzed for Cu, Zn, Pb, Ag, As, Au and Sb. A small number of weak Zn, As and Ag anomalies were detected with values up to 420 ppm Zn, 52 ppm As and 1.2 ppm Ag.

*****

GLENLIVET

Kerr Addison Mines Ltd.

Work Target
105 D 3 (129)
(60°03'N, 135°17'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1985, p.161).

Claims: GLENLIVET 1-4

Source: Summary by B. Lueck of assessment report 091667 by J. Pautler.

Current Work and Results:

In 1985, 1:10 000 scale geologic mapping and geochemical sampling were done. A total of 120 rock and 9 soil samples were collected. Quartz veins and breccias occur in north-northwesterly trending fault zones. Low grade gold and silver mineralization occurs within the veins associated with galena, pyrite, malachite and jarosite.

*****

OLLIE

Barker Creek Placer Exploration Co.

Ag, Cu,
Vein
105 D 6 (135)
(60°17'N, 135°03'W)
Whitehorse M.D.

References: D.I.A.N.D. (1983, p.112, 118; 1986, p.78); Smith, M.J. unpublished B.Sc. thesis (1982).

Claims: NEW 1-30

Source: Summary by D.S.Emond from assessment report 091650 by G.C. Macdonald.

History:

The claims were staked in June, 1984 and cover an area formerly held by Dupont of Canada Exploration as the OLLIE 1-25 claims. Soil sampling by Dupont gave up to 3.8 ppm Ag, 326 ppm Zn and 1500 ppm Pb in the area of the NEW Claims.

A grab sample of malachite stained rhyolite dyke material gave an assay of 0.24 % Cu, 11.66 g/t Ag and less than 0.34 g/t Au.

Current Work and Results:

In May, 1985 a 12 line-km grid with a N-S baseline was established in the central and southern part of the property. Ground magnetometry was carried out using a Geometrics proton magnetometer. No strong anomalies were generated.

*****

BEE
Noranda Exploration Co. Ltd. (N.P.L.)
Silver Sabre Resources Ltd.

Pb, Zn, Ag, Au
Vein/Skarn
105 D 14 (147)
(60°47'N, 135°15'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1985, p. 162; 1986, p.69,79).

Claims: BEE 1-63; CEE 1-27

Source: Summary by B. Lueck of assessment report 091781 by W. Reid.

Current Work and Results:

Two bulldozer trenches were completed to bedrock over gold-in-soil anomalies located earlier in 1985.

One trench gave negative results. The other encountered a siliceous porphyritic rhyolite overlain by hornfelsed argillite. A shear zone of 37 cm assayed 1,300 ppb Au. Minor quartz veins are contained within this shear zones.

*****

BEE
Silver Sabre Resources
Noranda Exploration Co. Ltd.

Pb, Zn, Ag, Au
Vein, Skarn
105 D 14 (147)
(60°47'N, 135°15'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1985, p.162; 1986, p.79)

Claims: CEE 1-8, 10-27

Source: Summary by B. Lueck of assessmeent report 091682 by W. Reid.

Current Work and Results:

The 1985 exploration program consisted of prospecting and rock sampling, followed by limited trenching, soil and silt sampling. Silt samples indicated gold mineralization near a rhyolite contact. Other mineralization inlcudes Pb-Zn-Ag veins and typical Whitehorse Copper type skarn mineralization.

*****

MATT
Central Electricity Generating Board
Exploration (Canada) Ltd.

Work Target
105 D 3 (152)
(60°00'N, 135°21'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.75)

Claims: MATT 1-20

Source: Summary by B. Lueck of assessment report 091653 by S.E. Amukun and A.T. Turner.

Description:

Upper Cretaceous granodiorite is highly fractured and cut by Tertiary ring dykes. Tertiary boulder conglomerates and tuff breccias overlie these units. Brecciated volcanic boulders have been found to contain uranium mineralization.

Current Work and Results:

Ground radiometric prospecting and rock and silt geochemical sampling were conducted on and about the property in 1985. Anomalous stream sediment samples with up to 124 ppm U_3O_8 were reported. Radioactive boulder traces up to 300 m long were also discovered.

Microprobe analyses of radioactive rock samples showed uranium to be in the form of amorphous black network infillings. Associated elements are Ce, La, Ti, S and Fe. Rock samples averaged 0.11% U_2O^3.

*****

SCAR
Noranda Exploration Co. Ltd. (NPL)

Au, Cu
Vein
105 D 3 (153)
(60°15'N, 135°24'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.75).

Claims: SCAR 1-16

Source: Summary by B. Lueck of assessment report 091640 by M.P. Webster.

Description:

The property is underlain by Cretaceous granodiorite and quartz monzonite which are intruded by a Tertiary rhyolite plug. Quartz veins occur at or near the granodiorite-rhyolite contact. Local hematite, sphalerite and pyrite are present.

Current Work and Results:

Geologic mapping; rock, talus fine and silt geochemistry; and 1:5000 scale mapping were done in 1985. Fifty five talus fine samples and 27 rock samples were collected in a reconnaissance manner and analyzed for Cu, Zn, Pb, Ag, As, Au and Sb. Several anomalies were discovered for all elements with a high of 1900 ppb for Au from a rock chip sample of quartz-carbonate vein material bearing bornite, chalcopyrite and pyrite.

*****

ROB
Anina Resources Inc.

Work Target
105 D 3 (15
(60°14'N, 135°07'W
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.76).

Claims: ROB 1-38

Source: Summary by B. Lueck of assessment report 91638 by R.S. Rogers (Rogers Exploration Ltd.).

Description:

The property is underlain by Cretaceous quartz-diorite and granodiorite which have been intruded by later trachytic rhyolite dykes.

Current Work and Results:

Linecutting and grid construction totalling 15 km was completed in 1984 followed by a VLF-EM geophysical survey followed. Grid lines were spaced 50 m apart and readings taken every 25 m. The geophysical survey identified strong north-easterly trending conductors which are believed to represent dyke swarms emplaced along major fault systems.

*****

CHARLIE
G. MacDonald and Associates Ltd.

Work Target
105 D 3, 6 (156)
($60^{0}15$'N, $135^{0}08$'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.76).

Claims: CHARLIE 1-16

Source: Summary by B. Lueck of assessment report 091775 by G.S. Davidson.

Description:

The property is underlain by Cretaceous granodiorite which is cut by rhyolitic to dacitic flows and dykes. Remnant felsic pyroclastics cap the sequence.

Current Work and Results:

Eight rock samples and 32 soil samples were collected and analyzed for Au,Ag,Pb and Cu. No significant anomalies were detected.

*****

TECH
Walhalla Exploration Ltd.

Work Target
105 D 3 (159)
($60^{0}12$'N, $135^{0}14$'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.76,77)

Claims: TECH 1-21

Source: Summary by D.S. Emond from assessment report 091649 by G. Macdonald (G. Macdonald & Associates Ltd.)

History:

The claims were staked in June 1984 on the northeast-facing slopes of Carbon Hill. Several old showings (found in the early 1900's) consisting of mainly quartz, stibnite, sphalerite, galena and tetrahedrite in shear zones occur within granodiorite on Carbon Hill. Recently, extensive work has been conducted by Yukon Antimony Corp. Ltd. on the Becker-Cochran showing, on the east side of Carbon Hill.

Description:

The property is underlain by Cretaceous hornblende-biotite-oligoclase granodiorite cut by Eocene rhyolite and granite porphyry (feldspar and quartz) stocks and dykes. A small body of volcanic rock outcrops on the TECH 14-16 claims. West of the property, a stock of rhyolite-granite porphyry occurs in contact with volcanic rocks and Tantalus Formation Conglomerates. Presently, there are no known mineral showings on the TECH claims.

Current Work and Results:

In October, 1984 exploration conducted by Walhalla Exploration Ltd. consisted of the establishment of a 12 km grid in the central and southern portion of the claims with a southwest trending baseline and crosslines at 100 m centres. This was used for a VLF-EM survey with readings taken at 25 m intervals. Several moderately linear, northeast-trending anomalies occur in the southern part of the grid, with one in the northern part. These anomalies probably trace out rhyolite-granite porphyry dykes.

*****

SHEEP
Newhawk Gold Mines Ltd.
McCrory Holdings Ltd.

Work Target
105 D 3 (165)
(60°15'N, 135°19'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.77).

Claims: SHEEP 1-12

Source: Summary by B. Lueck of assessment report 091661 by G.S. Davidson (G. Macdonald & Associates Ltd.).

Description:

The claims are located in the Wheaton River area and are underlain by Eocene volcanics and pyroclastics. The property is covered with alluvium and glacial till.

Current Work and Results:

In 1985, prospecting and soil sampling were carried out in a reconnaissance manner by a three man crew. No mineralized outcrop was found and all 40 soil samples showed background values for Au, Hg, Cu,and Pb.

*****

FACE
Noranda Exploration Co. Ltd.

Work Target
105 D 4,5 (167)
(60°15'N, 135°31'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.78).

Claims: FACE 1-20, 29-48

Source: Summary by B. Lueck of assessment report 091645 by M.P. Webster

Description:

The claims are underlain by Paleozoic gneisses, schists, amphibolites and calc-silicates which have been intruded by Cretaceous granodiorite and diorite. Tertiary rhyolite plugs and dykes cut these units.

Current Work and Results:

Thirty-four silt samples, 34 talus fine samples, 33 rock chip samples and 9 pan concentrates were collected and analyzed for Cu, Zn, Mo, Pb, Ag, As and Au. The results are summarized below:

SAMPLE TYPE	SIGNIFICANT ANOMALIES
Soil Silt	one weak anomaly for Zn,Ag and As
Talus Finc	one weak Zn,Pb anomaly
Rock	weak silver enrichment less than 13 ppm Ag in silicified rhyolite
Pan Concentrate	three anomalous Au values less than 1400 ppm

*****

BOTWAT
Rockridge Mining Corporation

Work Target
105 D 6 (168)
(60°02'N, 135°28'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.78).

Claims: BOTWAT 1-64

Source: Summary by B. Lueck of assessment report 091656 by C.A. Main (Archer, Cathro & Associates (1981) Ltd.).

Description:

The BOTWAT claims overlie Eocene volcanic rocks of the Mount Skukum Volcanic Complex.

Current Work and Results:

The 1985 work program consisted of geological and geochemical reconnaissance sampling. Twenty rock chips or float specimens of quartz-carbonate vein material and 83 soil samples were analyzed. One rock chip assayed 0.86 g/t Au and two soil samples 38 and 194 ppb Au. All other samples returned gold values in the background range.

*****

MR	Work Target
G. Macdonald and Associates Ltd.	105 D 6 (170)
	(60°15'N, 135°05'W)
	Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.77).

Claims: MR 1-16

Source: Summary by B. Lueck of assessment report 091659 by G.S. Davidson.

Description:

The claims overlie the Wheaton River Valley which is largely covered with alluvium. Sparse outcrop is of Paleozoic greenstones and Tertiary volcanics. Quartz-carbonate veins outcrop near the base of Dall Creek.

Current Work and Results:

Work on the claims consisted of chip sampling of quartz-carbonate vein material and soil sampling along two contour traverses. The best assay of vein material was 330 ppb Au with 0.3 ppm Ag. Sixty soil samples were taken with the best analyses for Au being 50 ppb. Weak to moderate anomalous levels of copper, lead and zinc were found in some samples.

*****

FANIN

Newhawk Gold Mines Ltd.

Work Target
105 D 6 (171)
(60°16'N, 135°02'W)
Whitehorse M.D.

References: D.I.A.N.D. (1986, p.27).

Claims: FANIN 1-6, 13-24

Source: Summary by B. Lueck of assessment report 091662 by G.S. Davidson (G. Macdonald and Associates Ltd.).

Description:

The property is underlain by Triassic greenstones which have been intruded by Cretaceous granitic rocks. Local hornfels, veining, brecciation and pyritization occur at the intrusive contact.

Current Work and Results:

Reconnaissance exploration, geologic mapping at a 1:10 000 scale and rock and soil sampling were done in 1985. A total of 76 samples were analyzed for gold and silver. No anomalies were detected.

*****

STONE

Hycroft Resources and Development Corp.

Work Target
105 D 3,6 (172)
(60°15'N, 137°17'W)
Whitehorse, M.D.

Reference: D.I.A.N.D. (1986, p.77)

Claims: STONE 1-70

Source: Summary by D.S. Emond from assessment report 091651 by G.C. Macdonald & Associates Ltd.

History:

The claims were staked in June, 1984 by MBW Surveys and were sold to JMT Mining Services in 1984. JMT entered into an agreement with Hycroft Resources in 1985.

Description:

The property is underlain by volcanic rocks of the Skukum Group and is cut along the western margin by Eocene rhyolite dykes.

Current Work and Results:

In May, 1985 an exploration program of grid development, 12 line-km VLF-EM and 17 line-km of magnetometer surveys (using 25 m-spaced stations) was conducted on the eastern side of the property. The magnetometer survey outlined a strong north-trending anomaly on the STONE 33 claim and may outline either a magnetite-bearing basalt flow in the Skukum Group, or a skarn zone within Yukon Group metasedimentary rocks. A second weaker magnetic anomaly was also found.

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WAL	Work Target
Walhalla Exploration Ltd.	105 D 6 (173)
	(60°15'N, 135°12'W)
	Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.78).

Claims: WAL 1-65, HEAVY METAL 1-4

Source: Summary by B. Lueck of assessment report 091666 by C.G. Verley (Amerlin Exploration Services Ltd.).

Description:

The claims are underlain by Cretaceous quartz monzonite which is intruded by Eocene rhyolitic and andesitic dykes and overlain by Eocene Pyroclastics. A total of 228 soil samples were taken and analyzed for Au, Ag, Pb, Zn and As. Twelve rock samples were analyzed for Au and Ag. A small number of moderately anomalous values were reported.

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MURIEL	Pb
L. Patnode	Unclassified
	105 D 14 (184)
	(60°49'N, 135°14'W)
	Whitehorse M.D.

Reference: No previous reference.

Claims: MURIEL 1-2

Source: Summary by D.S. Emond from assessment report 091623 by G. Macdonald.

Current Work and Results:

In 1982, two AQ wireline diamond drill holes, totalling 137.16 m were drilled. Grey to maroon siltstone and/or argillite (probably of the Lewes River Group) were found to be underlain by fine-to medium-grained dark grey green diorite with local epidotization. Minor veinlets of calcite up to 4 cm wide and containing traces of galena crosscut the sedimentary rocks.

*****

WAR EAGLE, MAC, ANACONDA

Hudson Bay Exploration and Development
Co. Ltd.

Cu, Au, Ag
Skarn
105 D 11 (225,208,226)
(60°40'N, 135°10'W)
Whitehorse M.D.

Reference: Watson (1984); D.I.A.N.D. (1983, p.111-113).

Claims: MAC 7,8; PIT 2,9; ACE 1,44; BORNITE 1

Source: Summary by B. Lueck of assessment report 091789 by G. Bidwell and 091618 by R. Stroshein.

Current Work and Results:

Diamond drilling was carried out in the Anaconda, Rabbitsfoot Canyon and Best Chance areas. In 1984 and 1985 two diamond drill holes in Rabbitsfoot Canyon area totalled 223.4 m of which one of these intersected garnet, diopside skarn with minor pyrite mineralization.

Diamond drilling in 1984 on Bornite 1 and Mac 7 encountered basement granodiorite under overburden.

*****

KUKU

AGIP Canada Ltd.
Kerr Addison Mines Ltd.

Work Target
105 D 6,3 (220)
(60°16'N, 135°27'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.165).

Claims: SAID 1-16; THE 1-48

Source: Summary by B. Lueck of assessment report 091655 by J. Pautler.

Description:

The property is underlain by felsic to intermediate volcanic rocks which overlie plutonic rocks ranging in composition from granodiorite to granite. Quartz-carbonate-chalcedony vein swarms are encountered near extensive fault zones.

Current Work and Results:

Analysis of 174 rock, 111 soil/talus and 2 silt samples indicates an abundance of low level anomalous gold values. Follow-up prospecting was done in a reconnaissance manner.

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ART J. Jobin, K. McCrory	105 D 2 (97) (60°04'N,134°40'W)

Claims 1985: RAT 1-10, 17-24

PEERLESS L. Barrett	105 D 2 (188) (60°05'N,134°42'W)

Claims 1985: BARB 1-34

JOE PETTY G. Harris	105 D 2 (136) (60°00'N,134°40'W)

Claims 1985: MAC 1-3

MONTANA R. Robertson	105 D 2 (6) (60°04'N,134°43'W)

Claims 1985: NYAC 88-93

FLEMING New Ridge Mines Ltd.	105 D 3 (27) (60°13'N,135°12'W)

Claims 1985: RIDGE 1-4, 7-15

MT. REID Skukum Resources Ltd.	105 D 3 (21) (60°11'N,135°25'W)

Claims 1985: ERN 16-27; TREE 1-5 Fr.

PART L. Allen, R. Bilquist	105 D 3 (91) (60°01'N,135°12'W)

Claims 1985: PART 1-27

HO Shakwak Exploration Co. Ltd.	105 D 3 (158) (60°10'N,135°29'W)

Claims 1985: HO 1-8

ART 105 D 2 (97)
J. Jobin, K. McCrory (60°04'N,134°40'W)

Claims 1985: RAT 1-10, 17-24

PEERLESS 105 D 2 (188)
L. Barrett (60°05'N,134°42'W)

Claims 1985: BARB 1-34

JOE PETTY 105 D 2 (136)
G. Harris (60°00'N,134°40'W)

Claims 1985: MAC 1-3

MONTANA 105 D 2 (6)
R. Robertson (60°04'N,134°43'W)

Claims 1985: NYAC 88-93

FLEMING 105 D 3 (27)
New Ridge Mines Ltd. (60°13'N,135°12'W)

Claims 1985: RIDGE 1-4, 7-15

MT. REID 105 D 3 (21)
Skukum Resources Ltd. (60°11'N,135°25'W)

Claims 1985: ERN 16-27; TREE 1-5 Fr.

PART 105 D 3 (91)
L. Allen, R. Bilquist (60°01'N,135°12'W)

Claims 1985: PART 1-27

HO 105 D 3 (158)
Shakwak Exploration Co. Ltd. (60°10'N,135°29'W)

Claims 1985: HO 1-8

RAIN 105 D 3 (222)
S. Ridgeway, A. John (60°14'N,135°09'W)

Claims 1985: RAIN 1-43; ROB 39-44 Fr.

WIND 105 D 3 (223)
S. Ridgeway, M. Woods (60°13'N,135°15'W)

Claims 1985: 1-11; 12-17 Fr; 18

LEGAL TENDER 105 D 6 (39)
G. Harris (60°20'N,135°14'W)

Claims 1985: MH 1-7

RED RIDGE 105 D 6 (224)
G. Davidson, S. Fleurant, Y. Gervais, (60°21'N,135°10'W)
J. Jobin

Claims 1985: PCG 1-12; FOUR F 1-109

UNION MINES 105 D 6 (37)
D. Baird (60°18'N,135°02'W)

Claims 1985: SAIL 17-41

EVIEW 105 D 6 (117)
G. Harris (60°26'N,135°03'W)

Claims 1985: EYE 1-16

OLLIE 105 D 6 (135)
J. Jobin, M. Woods (60°18'N,135°03'W)

Claims 1985: NEW 31-39 Fr.

BOTWAT 105 D 6 (168)
L. Grekton, J. Pautler (60°16'N,135°25'W)

Claims 1985: SAID 1-23; THE 1-5, 49

AUL	105 D 3 (218)
R.J. Bilquist	(60°01'N,135°20'W)
Claims 1985: AUL 1-24	
O.B.I.	105 D 3 (219)
E. Bervinson	(60°14'N,135°08'W)
Claims 1985: O.B.I. 1,2	
BUFFALO	105 D 3 (31)
M. Baker	(60°14'N,135°01'W)
Claims 1985: ERA 21,21 Fr.	
BECKER-COCHRAN	105 D 3 (26)
M. Woods	(60°13'N,135°15'W)
Claims 1985: TECH 22-40	
CHARLIE	105 D 3 (156)
R. Zuran, M. Vanwermeskerken, R. Hulstein	(60°09'N,135°27'W)
Claims 1985: TEX 1-22	
KIM	105 D 3 (220)
R. Zuran, M. Vanwermeskerken, R. Hulstein	(60°09'N,135°10'W)
Claims 1985: KIM 1-52	
MAT	105 D 3 (160)
Noranda	(60°12'N,135°11'W)
Claims 1985: MAT 10-16 Fr.	
KIR	105 D 3 (221)
M. Woods, T. Mrozinski, M. Barker	(60°09'N,135°23'W)
Claims 1985: KIR 1-33	

A 105 D 7 (177)
P. Hildebrand (60°18'N,134°55'W)

Claims 1985: A

MARSH 105 D 8 (63)
G. McLeod (60°22'N,134°11'W)

Claims 1985: BUG 1-4

ROSSBANK 105 D 10 (178)
R. Holway (60°34'N,134°31'W)

Claims 1985: ROSSBANK 3-32

GROUSE 105 D 11 (67)
S. Takacs,E. Kreft (60°42'N,135°20'W)

Claims 1985: FALCON 1-2; RAVEN 1-2, RUTH 1-4

BEE 105 D 14 (147)
W. Reid, B. Patnode (60°47'N,135°18'W)

Claims 1985: BEE 36-63

POW 105 D 15 (47)
B. Patnode (60°53'N,134°50'W)

Claims 1985: SABRE 1-4

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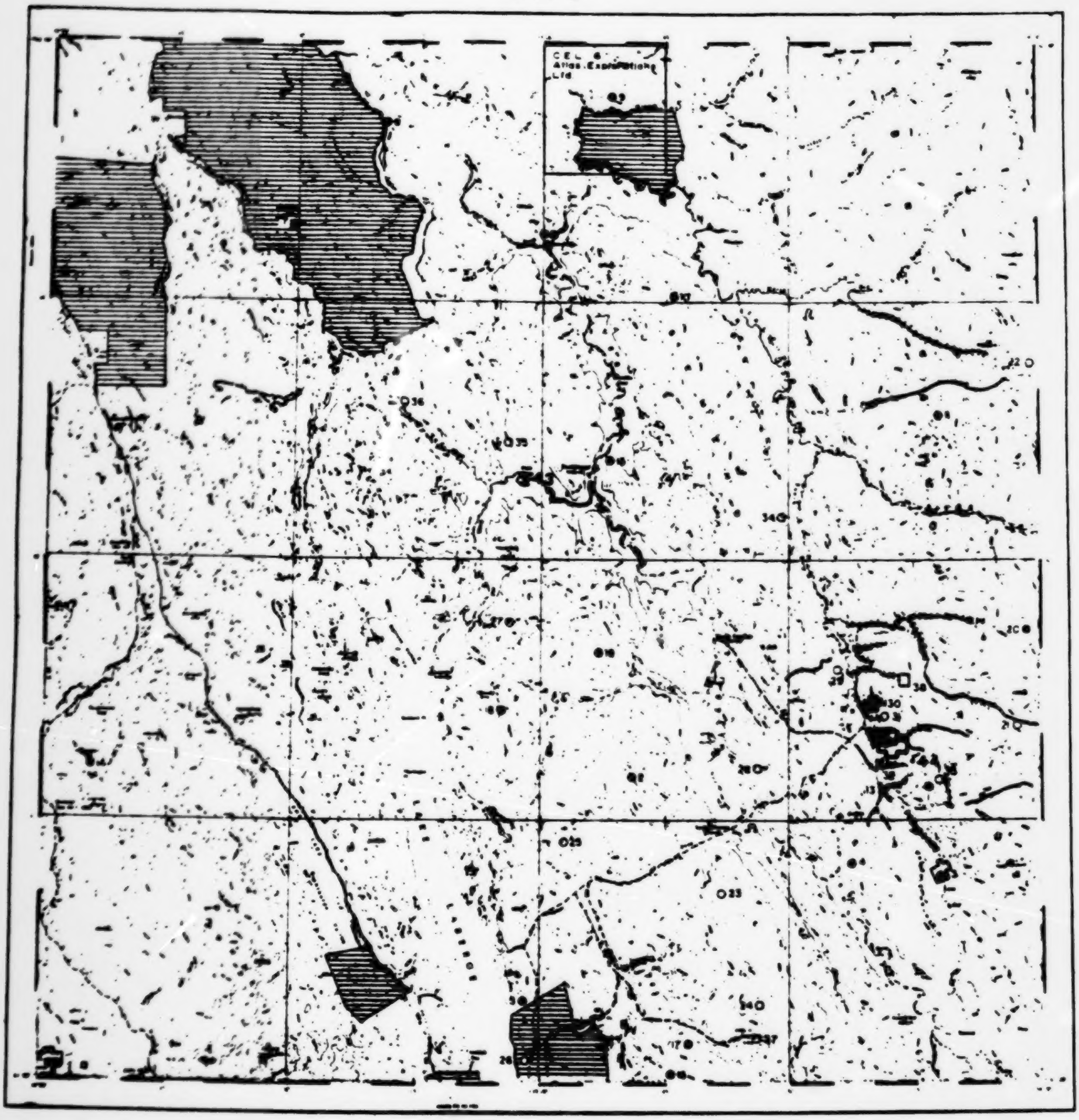
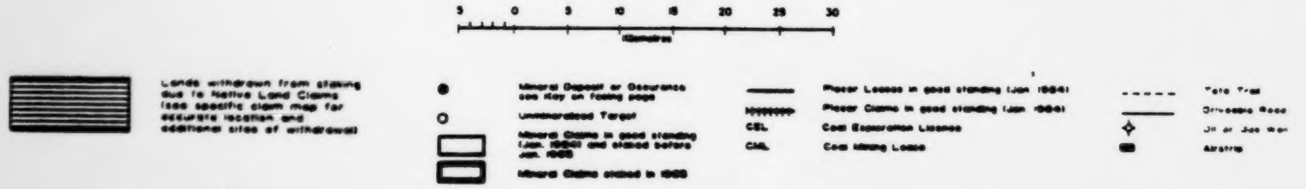
Preliminary Map Only

105 E


C E L 6
Atlas Explorations Ltd

LABERGE
YUKON TERRITORY


5
0
5
10
15
20
25
30
Kilometres
Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
Mineral Deposit or Occurrence see Key on facing page
Unmineralized Target
Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983
Mineral Claims staked in 1983
Placer Leases in good standing (Jan. 1984)
Placer Claims in good standing (Jan. 1984)
CEL
Coal Exploration Licence
CML
Coal Mining Lease
Tote Trail
Driveable Road
Oil or Gas Well
Airstrip

LABERGE MAP-AREA (NTS 105 E)

General Reference: GSC Open File 1101 by: D.J. Tempelman-Kluit, 1984.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	FLOAT	Vein Au Ag Cu Pb	105 E 8	7	D.I.A.N.D. (1985, p. 168)
2	TUV	Porphyry Cu Mo	105 E 7	7	
3	LOON	Unclassified Cu	105 E 1	6	Craig & Laporte (1972, p. 119-120)
4	BEE	Occurrence Cu	105 E 1	7	
5	LABERGE	Skarn Cu Fe	105 E 3	7	Findlay (1969a, p. 55-56)
6	TAKHINI	Skarn Cu	105 E 4	7	
7	PACKERS (BAND)	Skarn Cu Fe	105 E 13	7	Sinclair et al (1976, p. 112-113)
8	CLAIR	Coal	105 E 14	7	Bostock & Lees (1938, p. 16)
9	WALSH	Coal	105 E 15	7	Bostock & Lees (1938, p. 16)
10	SEMENOF	Vein Cu Au Ag	105 E 15	7	
11	ILLUSION	Asbestos	105 E 9	7	D.I.A.N.D., Mines and Minerals Activities (1971, p. 19)
12	CASSIAR BAR	Unclassified Cu Ag	105 E 15, 14	7	
13	SYLVIA	Vein Pb Zn Au Ag Cu	105 E 8	7	
14	CORDUROY	Coal	105 E 5	7	
15	HOOTALINQUA	Coal	105 E 10	7	
16	HIG	Work Target	105 E 2	7	D.I.A.N.D. (1981, p. 170)
17	LORI	Porphyry Mo Cu	105 E 2	7	Sinclair et al (1976, p. 110)
18	MUSTARD (GEM)	Vein Au	105 E 6	7	Sinclair et al (1976, p. 111)
19	BACON (BOND)	Porphyry Mo Cu	105 E 6	7	Sinclair et al (1976, p. 111)
20	HAL	Skarn W	105 E 8	7	D.I.A.N.D. (1981, p. 170)
21	YETI	Work Target	105 E 8	9	D.I.A.N.D. (1981, p. 170)
22	FOG MOUNTAIN	Skarn Zn Pb	105 E 9	7	D.I.A.N.D. (1982, p. 121)
23	CROST	Work Target	105 E 2	9	D.I.A.N.D. (1982, p. 121)
24	SLINE	Work Target	105 E 2	9	D.I.A.N.D. (1982, p. 121)
25	AURIER	Work Target	105 E 2	9	D.I.A.N.D. (1982, p. 121)
26	AKEL	Work Target	105 E 3	9	D.I.A.N.D. (1982, p. 121)
27	OVOAS	Work Target	105 E 6	9	D.I.A.N.D. (1982, p. 121)
28	ENOF	Work Target	105 E 7	9	D.I.A.N.D. (1982, p. 122)
29	GERM	Work Target	105 E 8	9	D.I.A.N.D. (1982, p. 122)
30	REN	Work Target	105 E 8	9	D.I.A.N.D. (1982, p. 122)
31	NC	Work Target	105 E 8	9	D.I.A.N.D. (1982, p. 122)
32	MARBEE	Work Target	105 E 8	9	D.I.A.N.D. (1982, p. 122); D.I.A.N.D. (1986. p. 84)
33	MAYBE	Work Target	105 E 8	9	D.I.A.N.D. (1983, p. 121); D.I.A.N.D. (1986, p. 84)
34	SBS	Work Target	105 E 10	9	D.I.A.N.D. (1982, p. 122)
35	HOOT	Work Target	105 E 11	9	D.I.A.N.D. (1982, p. 122)
36	RANKL	Work Target	105 E 11	9	D.I.A.N.D. (1982, p. 122)
37	TES	Work Target	105 E 2	9	D.I.A.N.D. (1983, p. 121)
38	RIM (OWL)	Work Target	105 E 8	9	D.I.A.N.D. (1983, p. 121); D.I.A.N.D. (1986, p. 84)

39	JOHN	Work Target	105 E 3	9	D.I.A.N.D. (1986, p. 84)
40	GORD	Work Target	105 E 8	9	D.I.A.N.D. (1986, p. 84)
41	BUMS	Work Target	105 E 8	9	D.I.A.N.D. (1986, p. 84)
42	ERN	Work Target	105 E 8	9	D.I.A.N.D. (1986, p. 84)
43	MIDAS	Work Target	105 E 11	9	This Report
44	MAC	Work Target	105 E 8	9	This Report

MAC 105 E 8 (44)
G. McIntyre (61°20'N,134°13'W)

Claims 1985: MAC 1-8

MIDAS 105 E 11 (43)
E. Brennen (61°35'N,135°02'W)

Claims 1985: MIDAS 5-8

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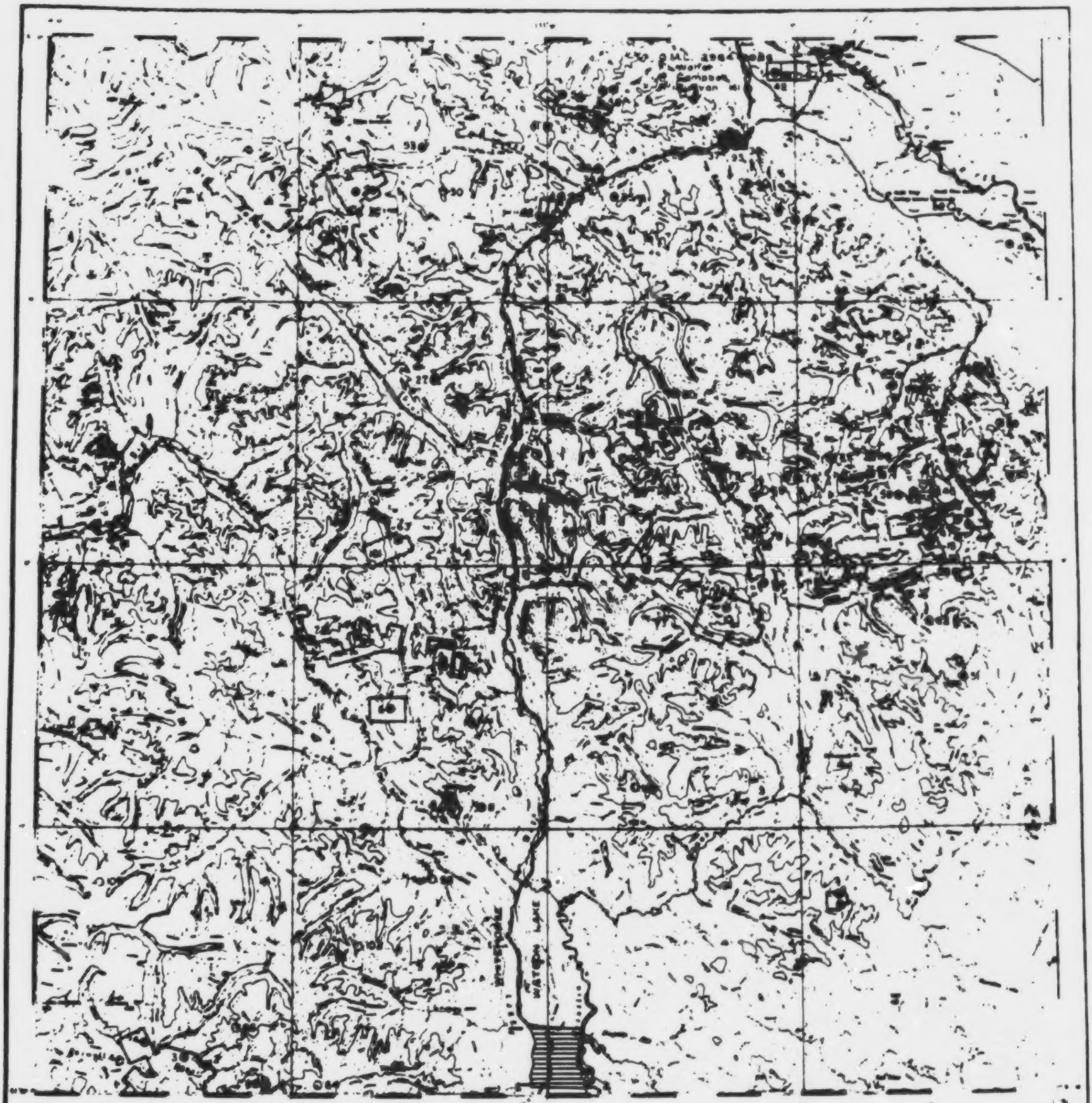
105 F

Preliminary Map Only

105 F



QUIET LAKE

YUKON TERRITORY

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

● Mineral Deposit or Occurrence see Key on facing page

○ Unmineralized Target

▭ Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983

▭ Mineral Claims staked in 1983

LC

— Placer Leases in good standing (Jan. 1984)

Placer Claims in good standing (Jan. 1984)

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Driveable Road

✧ Oil or Gas Well

Airstrip

QUIET LAKE MAP-AREA (NTS 105 F)

General Reference: GSC Open File 486 by: D.J. Tempelman-Kluit, 1977.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	MOLLY	Skarn Mo W	105 F 1	6	D.I.A.N.D. (1982, p. 126)
2	MOBS	Vein Ag Pb Zn	105 F 4	7	Green (1966, p. 60-62)
3	WOPUS	Vein Au Ag	105 F 4	7	D.I.A.N.D. (1981, p. 177); D.I.A.N.D. (1982, p. 133)
4	GOPHER	Vein Au Ag	105 F 4	7	Green (1966, p. 60-62); D.I.A.N.D. (1983, p. 123-124)
5	IOLA	Vein, Replacement Cu Pb Zn	105 F 6	7	D.I.A.N.D. (1983, p. 123-124)
6	VODKA	Asbestos	105 F 6	7	
7	TOWER PEAK	Asbestos, Vein Cu	105 F 6	7	D.I.A.N.D. (1982, p. 126-127)
8	DODY	Asbestos	105 F 6	7	
9	STORMY (PM)	Skarn Mo W	105 F 7	2	D.I.A.N.D. (1982, p. 173)
10	MM	Stratabound Concordant Pb Zn Cu Ag (Ba)	105 F 7	6	Morin et al (1980, p. 60)
11	OPA	Vein Ag Pb Zn	105 F 8	7	Morin et al (1979, p. 80-81); D.I.A.N.D. (1985, p. 173)
12	SONNY	Vein Ag Pb	105 F 8	7	D.I.A.N.D. (1986, p. 90)
13	KAY	Vein Ag Pb Zn	105 F 9	7	Findlay (1969a, p. 76-77); D.I.A.N.D. (1986, p. 90)
14	SHARON (KET)	Work Target	105 F 9	9	This Report
15	OXO	Vein Au Ag	105 F 9	7	Green (1965, p. 42-43)
16	KOPINEC	Vein Cu	105 F 9	7	D.I.A.N.D. (1982, p. 133)
17	BOOM (KON)	Vein, Replacement Au	105 F 9	5	This Report
18	JD	Vein Pb Zn Ag	105 F 10	7	
19	BOX (JD)	Work Target	105 F 10	9	Morin et al (1978, p. 79,80); D.I.A.N.D. (1986, p. 90)
20	GRAYLING	Vein Pb Ag Zn	105 F 10	6	This Report
21	COXALL (SUN)	Vein Cu	105 F 10	7	This Report
22	TYRO	Vein Zn Ag Cu Pb	105 F 10	7	D.I.A.N.D. (1986, p. 90)
23	HADYN	Vein Ag Pb Cu Zn Au	105 F 10	7	D.I.A.N.D. (1986, p. 90)
24	GROUNDHOG	Vein Ag Pb Zn	105 F 10	5	Findlay (1969b, p. 46-47)
25	ROCKY	Asbestos	105 F 15	7	
26	PONY	Vein Ag Pb Zn	105 F 11	7	Kindle (1945, p. 24)
27	HAM	Skarn W	105 F 11	7	
28	RISBY	Skarn W	105 F 14	2	D.I.A.N.D. (1983, p. 123-124)
29	AMBROSE	Vein Cu Ag	105 F 9	7	
30	TUB (BRIE)	Occurrence Pb Zn Cu W	105 F 14	7	Sinclair et al (1976, p. 112)
31	EVA	Skarn W	105 F 14	7	D.I.A.N.D. (1981, p. 173)
32	BARITE MOUNTAIN	Vein Ba	105 F 14	2	D.I.A.N.D. (1983, p. 123-124)
33	NcNEE	Vein unclassified	105 F 14	7	Kindle (1945, p. 24)
34	CANUSA	Vein Pb Ag Au	105 F 15	7	
35	PESCOD	Work Target	105 F 8	9	

36	MT. COOK (GREW)	Occurrence Zn Mo	105 F 15	7	D.I.A.N.D. (1983, p. 123-124)
37	LAPIE	Vein Au Ag	105 F 15	7	Kindle (1945, p. 25)
39	DANGER	Work Target	105 F 15	9	Kindle (1945, p. 25); Morin et al (1980, p. 62)
40	MT. ROSS	Vein Au Ag	105 F 15	7	Kindle (1945, p. 25)
41	TRENCH	Work Target	105 F 15	9	Kindle (1945, p. 21); This Report
42	WHISKEY LAKE	Coal	105 F 15	7	Findlay (1967, p. 89)
43	BRUCE LAKE	Work Target	105 F 16	9	This Report
44	MT. MISERY	Vein Ag Pb Cu	105 F 9	7	This Report
45	KEY 3	Vein Ag Pb Zn	105 F 9	7	Green (1966, p. 64-68); Findlay (1969b, p. 44-46)
46	LAP 10	Vein Ag Pb Zn	105 F 9	6	Findlay (1969, p. 44-46)
47	HOEY (F2, F3)	Vein Ag Pb Zn	105 F 9	6	Findlay (1969, p. 44-46)
48	STUMP (A1)	Vein Ag Pb Zn	105 F 9	2	Findlay (1969, p. 44-46)
49	KETZA KEY	Vein Ag Pb Au	105 F 9	2	D.I.A.N.D. (1981, p. 174)
51	HOGG	Vein Cu	105 F 8	7	
52	CALGAL (CHUNG)	Work Target	105 F 16	9	Morin et al (1980, p. 64)
53	ASKIN	Stratabound Concordant Ba	105 F 14	7	
54	DIRK	Stratabound Concordant Ba	105 F 15	7	
55	CONNELL	Work Target	105 F 10	9	This Report
56	FURY	Work Target	105 F 9	9	
57	OBVIOUS	Skarn W	105 F 6	7	D.I.A.N.D. (1985, p. 173)
58	NOKLUIT	Syenite breccia pipe REE, Th Nb	105 F 8	7	D.I.A.N.D. (1981, p. 175)
59	GUANO	Skarn REE, Nb	105 F 8	7	D.I.A.N.D. (1981, p. 55-59, 175)
60	TAKU (GYR)	Vein, Replacement Pb Zn	105 F 10	7	This Report
61	H (PEAK)	Vein Pb Zn Ag	105 F 10	6	This Report
62	FIRST	Work Target	105 F 11	9	D.I.A.N.D. (1981, p. 176)
63	LAST	Work Target	105 F 11	9	D.I.A.N.D. (1981, p. 176)
64	B.R.	Work Target	105 F 3	9	D.I.A.N.D. (1982, p. 128-129)
65	MMM (MURPHY)	Work Target	105 F 4	9	D.I.A.N.D. (1982, p. 129)
66	TIM	Work Target	105 F 4	9	D.I.A.N.D. (1982, p. 129)
67	RPP	Work Target	105 F 5	9	D.I.A.N.D. (1982, p. 129)
68	ADDY	Work Target	105 F 10	9	D.I.A.N.D. (1981, p. 177)
69	JDX	Work Target	105 F 10	9	D.I.A.N.D. (1981, p. 177, 173)
70	McCASH	Work Target	105 F 9	9	D.I.A.N.D. (1981, p. 177)
71	FOX	Vein Pb Zn	105 F 9	7	This Report
72	HIDDEN	Skarn W	105 F 6	6	D.I.A.N.D. (1986, p. 89)
73	AYDUCK	Skarn W	105 F 6	6	D.I.A.N.D. (1982, p. 129-130)
74	CLO	Work Target	105 F 9	9	D.I.A.N.D. (1981, p. 176)
75	GULL	Vein Pb Zn Ag (Ba)	105 F 10	7	Morin et al (1978, p. 79, 80); This Report
76	HOOLEO	Work Target	105 F 16	9	Sinclair et al (1976, p. 162)
77	CHZERPNOUGH	Stratabound Concordant Pb Zn Cu Ag (Ba)	105 F 9	7	Morin et al (1979, p. 81)
78	BNOB	Stratabound Concordant Pb (Ba)	105 F 9, 10	7	This Report
79	SUN	Work Target	105 F 10	9	This Report
80	ANISE	Work Target	105 F 10	9	This Report
81	WIMP	Work Target	105 F 15	9	Morin et al (1980, p. 62)
82	MUMS	Work Target	105 F 8	9	Morin et al (1979, p. 80)
83	TREE	Work Target	105 F 9	9	Morin et al (1980, p. 61)
84	DROC	Work Target	105 F 9	9	Morin et al (1979, p. 81)

85	HOWRU	Stratabound Concordant Pb Zn Cu Ag	105 F 9	6	Morin *et al* (1980, p. 62)
86	EROS	Work Target	105 F 9	9	Morin *et al* (1979, p. 82)
87	NOT	Work Target	105 F 10	9	Morin *et al* (1979, p. 82)
88	RAM	Work Target	105 F 10	9	Morin *et al* (1980, p. 83)
89	LAP	Skarn W Cu	105 F 11	7	Morin *et al* (1980, p. 37)
90	PIM	Skarn W Cu	105 F 14	7	Morin *et al* (1980, p. 37)
91	GK	Stratabound Concordant Ba	105 F 14, 13	7	Morin *et al* (1980, p. 38)
92	ANGIE	Stratabound Concordant Zn Ag	105 F 16, 15	6	Morin *et al* (1980, p. 38)
93	BOB	Work Target	105 F 15	9	Morin *et al* (1980, p. 39)
94	GRAY	Work Target	105 F 7	9	Morin *et al* (1980, p. 60)
95	IGLE	Work Target	105 F 9	9	Morin *et al* (1980, p. 61)
96	SEATU	Work Target	105 F 9	9	Morin *et al* (1980, p. 62)
97	TOM	Vein Cu Zn	105 F 16, 9	7	Morin *et al* (1980, p. 63)
98	FER	Work Target	105 F 3	9	D.I.A.N.D. (1982, p. 133)
99	NCC	Work Target	105 F 9	9	D.I.A.N.D. (1982, p. 133)
100	LORNE	Vein Pb Ag	105 F 10	7	D.I.A.N.D. (1982, p. 130, 133)
101	MOX	Skarn, Vein Cu Pb Zn Ag	105 F 11	7	This Report
102	SNERD	Work Target	105 F 11	9	D.I.A.N.D. (1982, p. 133)
103	PISA	Work Target	105 F 3	9	D.I.A.N.D. (1982, p. 131)
104	SAL	Work Target	105 F 4	9	D.I.A.N.D. (1982, p. 131-132)
105	TIER	Work Target	105 F 9	9	D.I.A.N.D. (1982, p. 132)
106	OXY	Work Target	105 F 7	9	D.I.A.N.D. (1982, p. 132)
107	BIG OX	Work Target	105 F 7	9	D.I.A.N.D. (1982, p. 132-133)
108	BIG SAM	Skarn W	105 F 14	7	D.I.A.N.D. (1985, p. 173)
109	TAY (LP)	Work Target	105 F 10	9	This Report
110	S.A.	Work Target	105 F 9	9	This Report
111	SOUTH FAULT (F4, F6)	Vein Ag Pb Zn	105 F 9	7	D.I.A.N.D. (In Press)
112	K33	Vein Ag Pb	105 F 9	7	D.I.A.N.D. (In Press)
113	TROUT	Vein As	105 F 10	7	This Report
114	ROWE	Vein, Replacement Pb Zn	105 F 10	7	D.I.A.N.D. (In Press)
115	CARL	Vein Pb Zn Ag Cu	105 F 9	7	D.I.A.N.D. (In Press)
116	WHITE	Vein Ag Au Pb Cu	105 F 9	7	D.I.A.N.D. (In Press)
117	QUILL	Work Target	105 F 9	9	D.I.A.N.D. (In Press)
118	PIKA	Work Target	105 F 10	9	This Report
119	LOON	Vein Ag Au Zn Pb As Cu Ba	105 F 10	7	This Report
120	FALCON	Work Target	105 F 10	9	This Report
121	BEAR	Vein Ag Au	105 F 10	7	This Report
122	GOAT	Vein Ag Au Zn	105 F 10	7	This Report
123	LEAPER	Vein Pb Ag Au	105 F 10	7	This Report
124	RAVEN	Vein, Replacement Pb Ag Au	105 F 10	7	This Report
125	VOLE	Vein, Replacement Pb	105 F 10	7	This Report
126	LYNX	Vein Pb Ag Au	105 F 10	7	This Report
127	BID	Vein Pb Ag Cu As	105 F 10	7	This Report

SHARON	Work Target
High River Resources Ltd.	105 F 9 (14)
Quillo Resources Inc.	(61°31'N, 132°09'W)
	Watson Lake M.D.

Reference: Findlay (1969a, p.76-77); D.I.A.N.D. (1986, p.90).

Claims: Ketza 73-100

Source: Summary by B. Lueck of assessment report 091686 by C.G. Verley (Amerlin Exploration Services Ltd.).

Current Work and Results:

The property is located 54 km south of Ross River. The 1985 work program consisted of geologic mapping, prospecting, stream sediment and reconnaissance soil sampling. A total of 98 reconnaissance and 75 line soil samples were taken on the property. Significant Pb and Ag anomalies were found at the south end of the claim block.

Float material with quartz-galena veining is located in trenches near the soil anomalies. A selected grab sample ran 917.8 g/t Ag, 25.1% Pb, 0.14% Cu and 0.07% Zn.

*****

KETZA RIVER (BOOM, KON)

Ketza River Mines Ltd.
Pacific Trans Ocean Resources
Canamax Resources Inc.

Au
Vein/Replacement
105 F 9 (17)
(61°32'N, 132°16'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1982, p. 127; 1986, p. 90).

Claims: KON 1-98; FRED 1-4; FURY 25-32; JAN 3-6; PEEL 1-6; PEEL 17, 18; PENGUIN 4,7; PIONEER 4.

Source: Summary by B. Lueck of assessment report 091621 by S.E. Parry.

History:

In 1983, the property was optioned by Ketza River Mines Ltd. to Pacific Trans Ocean Resources Ltd., who farmed out 50% of their interest to Canamax. In 1984, an additional 77 KON claims were staked.

Description:

Lower Paleozoic carbonates and minor clastics are cut by numerous normal and thrust faults. Nearby intrusions are Mississippian syenites and felsic Cretaceous stocks. On the property, veins and replacement bodies of arsenopyrite and pyrrhotite carry free gold. Typical replacement bodies are massive, stratabound and commonly occur within the carbonates or at the contacts between carbonate and clastic units. Locally, the sulphides have been weathered to a depth of 60m, forming limonite zones with slightly enhanced gold values.

Current Work and Results:

In 1984, exploration included a geochemical soil survey and diamond drilling. A total of 3,500 soil samples were collected at 25m intervals on lines spaced 100m or 200m apart. Samples were analyzed for gold and arsenic. Anomalies for the two elements are roughly coincident in location and magnitude. The soil survey highlighted areas of known sulphide mineralization and pinpointed four new anomalous zones. Values in soil samples ranged as high as 50,000 ppb Au and 40,000 ppm As.

A total of 59 diamond drill holes totalling 2,424m were completed. Of these, 22 were recorded for assessment on the KON 10,12 and 14 claims (Tarn and Penguin zones). Fourteen of these 22 holes intersected gold-bearing massive sulphides.

*****

RAM GROUP
Regional Resources Ltd.

Au, Ag, Pb, Zn
Vein/Replacement
105 F 9, 10
(20,21,71,78,79,80,60,
61,113,114,118,119,120,
121,122,123,124,125,126
127)
(61°35'N, 132°35'W)
Watson Lake M.D.

Reference: Separate references are given for each showing below.

Claims: RAM 1-758

Source: Summary by B. Lueck of assessment report 091768 by M.A. Stammers (Cordilleran Engineering).

Description:

This property is situated 40 km south of Ross River near the headwaters of Seagull Creek. There are a large number of previously explored showings within the claim block. Sulphide mineralization consists of silver-gold-lead-zinc vein and replacement deposits. Metasedimentary rocks on the property range in age from Cambrian to Mississippian. Cambrian to Devonian shelf strata consist of shales, phyllite, limestone, dolostone and quartzite. Devono-Mississippian graben related sedimentation consists of chert, shale and pebble conglomerate. This time period also saw extrusion of felsic volcanic flows and tuffs during an extensional tectonic event.

Faults on the property consist of Paleozoic or Cretaceous normal faults which strike north-south and Mesozoic thrust faults resulting from an east-west compression.

The known showings and references are listed and described below:

(20) GRAYLING : (Reference; D.I.A.N.D. 1982, p.127, 133; 1986, p.90). Sulphide mineralization consists of veins and replacements composed of massive galena, sphalerite, pyrite and pyrrhotite. The upper zone is poorly exposed and a true width is therefore difficult to determine. Continuous chip samples returned values of 522 g/t Ag, 6.03 g/t Au, 21.82% Pb and 1.60% Zn across 6.2 m. The lower zone is 1.6 m thick and assayed 620 g/t Ag, 3.7 g/t Au, 27.25% Pb and 2.23% Zn. The sulphide mineralization is spatially associated with the contact between Mississippian syenite stocks and Mississippian volcanic and sedimentary rocks. Sulphide zones are probably a replacement of sparry calcite.

(118) PIKA : The Pika showing is located 1000 m west of the Grayling showing. It is located at the contact between Mississippian syenite and trachytic volcanic flows and tuffs. The best grab sample assayed 125.5 g/t Ag, 1.26 g/t Au, 9.95% Pb, 7.30% Zn and 8.91% Cu.

(119) LOON : This showing consists of several small, widely spaced veins with low silver, gold, zinc and lead contents. Veins include one containing arsenopyrite, pyrrhotite, pyrite, and chalcopyrite, and several others containing galena, barite, and tetrahedrite in quartz-carbonate gangue.

(71) FOX : Diffuse veinlets of brown carbonate, black sphalerite and minor galena are found in felsenmeer.

(120) FALCON : Boulders of massive barite and barite-galena from vein type mineralization in pyritized felsic volcanics. are associated with a large geochemical soil anomaly.

(78) BNOB : (Morin et al. 1979, p.83). Stratiform barite in a 9 m thick bed is exposed for 335 m along strike. Mississippian syenite and volcanics in contact with black shale form the surrounding rock types, suggesting that extensional fault related chemical precipitate formed the mineralized bed.

(127) BID : Vein mineralization in float, associated with sparry calcite, contains silver, lead and arsenic. Small veins returned values up to 547.9 g/t Ag. The float fragments contained galena, quartz and pyrite.

(121) BEAR : Sulphide mineralization occurs in veins containing pyrite and arsenopyrite. Grab samples from small veins containing disseminated arsenopyrite and pyrite, assayed as high as 125.8 g/t Ag and 1.6 g/t Au.

(21) COXALL : (Morin et al. 1979, p.84; D.I.A.N.D. 1986, p.90). Veins of chalcopyrite, arsenopyrite and pyrrhotite are found in a zone that has been previously explored by trenching and diamond drilling but with unknown results.

(122) GOAT : Sparse float of coarse grained galena, and quartz-carbonate containing disseminations and blebs of sphalerite assayed 1136.9 g/t Ag and 0.068 g/t Au.

(60) GYR : Irregular masses of sphalerite replace dolomite. A grab sample assayed 29.64% Zn and 33.94 g/t Ag.

(123) LEAPER : Altered Mississippian syenite contains galena-quartz calcite veins and massive galena veins including one as wide as 0.45 m and one that assayed as high as 360.7 g/t Ag, 0.34 g/t Au and 80.5%Pb.

(124) RAVEN : A large north-trending geochemical soil anomaly is associated with small veins and replacement zones of disseminated galena and iron oxides. A selected grab sample assayed 782.0 g/t Ag, 4.8 g/t Au and 22.4% Pb.

(125) VOLE : Float contains small amounts of galena and pyrite in oxidized carbonate veins which replace dolomite.

(113) TROUT : A steeply dipping north-trending quartz vein approximately 1.5 m across and of unknown length contains variable amounts of pyrite and arsenopyrite. A grab sample assayed 35 g/t Ag, 0.07 g/t Au, 0.15% Pb, and 0.07% Zn.

(126) LYNX : Devono-Mississippian shale and Cambro-Ordovician phyllite host two closely spaced float occurrences which consist of; sphalerite, galena, and pyrite in a fine grained quartz, barite matrix; and iron oxides in quartz veins and breccia containing galena. A grab sample from the latter type assayed 1024.1 g/t Ag, 20.9 g/t Au, and 54.6% Pb.

(75) GULL : Float boulders of semi-massive pyrite-arsenopyrite and several narrow veins of massive white quartz, 6-10 cm across contain small amounts of galena and sphalerite and are associated with an intermittent zone of clay alteration and chalcedonic veining.

Current Work and Results:

Much of the 1985 work program consisted of describing and sampling the above mentioned occurrences. As well, grid preparation, soil geochemical surveys, minor hand trenching and geological mapping were carried out. A total of 19 large soil anomalies were delineated, with some of them coinciding with exposed mineral or float occurrences.

Details of the work include 37.2 km of line cutting, 5715 soil samples, chip sampling of showings and mapping at scales from 1:10 000 to 1:500.

*****

BRUCE LAKE
A. Carlos

Work Target
105 F 16 (43)
61°48'N, 132°03'W)
Watson Lake M.D.

Reference: Green and Godwin (1964, P.42-43); D.I.A.N.D. (1986, p.90).

Claims: LUKESHANE 1-48

Source: Summary by D.S. Emond from assessment report 091627 by A. Carlos.

History:

Regional geochemical surveys and prospecting were performed along the trend of the Tintina Trench. The discovery of highly brecciated siliceous sedimentary rocks in float with local anomalous gold values prompted staking of the LUKESHANE claims in the spring of 1984.

Description:

According to 1:250,000 geologic mapping by Tempelman-Kluit (1977), the area is covered by Carboniferous and Permian dunite, peridotite and pyroxenite with serpentinized equivalents.

Current Work and Results:

In March and April, 1985, two grids were set up for geophysical surveys. Totals of 38.8 km and 6.4 km of VLF-EM respectively were performed on each grid and a small portion of the former was also used for a magnetometer survey.

Two large structures were established with the VLF-EM survey and together with airphoto interpretation indicate the presence of faults trending NNW and NNE respectively. Disseminated graphite in samples of hydrothermal breccia may be the source of the anomalies in these faults.

*****

MT. MISERY
High River Resources Ltd.
Quillo Resources Inc.

Work Target
105 F 9 (44)
($61^{\circ}35$'N, $132^{\circ}17$'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1986, p.90).

Claims: KETZA 1-20

Source: Summary by B. Lueck of assessment report 091724 by C.G. Verley (Amerlin Exploration Services Ltd.).

Description:

The claims are underlain by Upper Cambrian to Lower Devonian phyllites, carbonates and quartzites. Mississippian volcanics and pyroclastics, which are spatially and temporally associated with northwesterly trending extensional normal faults, overlie the sediments. Galena bearing rubble is found near the summit of Mt. Misery.

Current Work and Results:

The 1985 program consisted of geological mapping, prospecting and sediment and talus fines sampling. A few Ag-Pb geochemical anomalies were detected and a selected grab sample of galena bearing float assayed 44.04% Pb and 613.0 g/t Ag.

*****

MOX
Hudson Bay Exploration
and Development Co. Ltd.

Cu, Pb, Zn, Ag
Skarn
105 F 11 (101)
($61^{\circ}08$'N, $133^{\circ}18$'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1982, p.130-131, 133).

Claims: MOX 1-14, 16, 21-60

Source: Summary by B. Lueck of assessment report 091675 by G. Bidwell.

Current Work and Results:

Work in 1985 included hand trenching and detailed sampling of known mineralized areas and geochemical anomalies which had been defined previously. Potential tonnages are believed to be low as some of the better silver values are located in a calc-silicate roof pendant within a granitic intrusive.

*****

LP
Cominco Ltd.

Work Target
105 F 10 (109)
(61°33'N, 132°40'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1986, p.90).

Claims: TAY 1-21; LP 1-63

Source: Summary by B. Lueck of assessment reports 091777 and 091674 by J. Klein and I.A. Paterson.

Description:

The property is underlain by flat lying Cambro-Ordovician quartzite, quartz-biotite-muscovite schist and banded limestone. East of the property, these rocks are in thrust fault contact with Devono-Mississippian shales, volcanics and syenites. A plug of quartz monzonite lies to the west.

Mineralization on the property consists of boulders of quartz and pyrrhotite ± chalcopyrite ± galena ± arsenopyrite. The mineralization is a replacement of schistose rocks.

Current Work and Results:

The 1985 work program consisted of geological mapping, soil and silt sampling, linecutting and grid establishment, airborne EM and magnetic geophysical surveys and diamond drilling.

A total of 40.8 km of linecutting was done. Soil and silt sampling detected a weak Cu, Au anomaly which coincides with float mineralization.

The airborne geophysical surveys consisted of 161 line km flown by helicopter. A large area of strong, sub-parallel conductors was defined near the eastern edge of the claims.

Drilling was done over coincident EM, magnetic and geochemical anomalies. A total of 532.8m of drilling was done in five holes. The best value was 2.8 g/t Au over 4.9m in DDH 85-1.

*****

CARL

High River Resources Ltd.
Quillo Resources Inc.

Work Target
105 F 8, 9 (115)
(61°30'N, 132°12'W)
Watson Lake M.D.

Reference: No previous reference.

Claims: Ketza 43-72; 101-102

Source: Summary by B. Lueck of assessment report 091687 by C.G. Verley (Amerlin Exploration Services Ltd.).

Description:

Silver-lead-zinc mineralization is hosted by Lower Cambrian carbonates and consists of veins and replacement faults. Siluro-Devonian carbonates host galena and sphalerite bearing quartz veins. Float of auriferous arsenopyrite occurs at the edge of the claim block which is adjacent to the BOOM (17) occurrence.

Current Work and Results:

The 1985 work program consisted of geological mapping, prospecting and limited talus fines and stream sediment sampling.

Float and rubble sampling of galena-rich vein material assayed 42.8% Pb, 1230 g/t Ag and 4.76% Zn. Float of arsenopyrite assayed 28.08% As, 33.6 g/t Au, 54.9 g/t Ag and .76% Pb.

Geochemical sampling indicated a number of moderate Pb-Zn-Ag anomalies on the property.

*****

WHITE
High River Resources Ltd.
Quillo Resources Inc.

Work Target
105 F 8,9 (116)
($61^{\circ}30'$N, $132^{\circ}17'$W)
Watson Lake M.D.

Reference: No previous reference.

Claims: Ketza 21-36

Source: Summary by B. Lueck of assessment report 091688 by C.G. Verley (Amerlin Exploration Services Ltd.).

Description:

The claims are underlain by Precambrian to Lower Cambrian clastics which are in fault contact with Lower Cambrian carbonates. These rocks are overlain unconformably by Cambrian to Oridivician carbonates and shales. Northwest trending normal faults are also present.

Massive pyrrhotite-arsenopyrite, pyrrhotite-pyrite and limonite float similar to the gold bearing mineralization found at the nearby BOOM (17) occurrence, is found on the claims.

Current Work and Results:

The 1985 work program consisted of geologic mapping, prospecting and limited talus fines and stream sediment sampling. Several areas of anomalous gold-arsenic were discovered.

Precious metal mineralization discovered to date has been low grade with the best assay of massive sulphides giving 9.94 g/t Ag, 0.24 g/t Au, 1.74% As and .19% Pb.

*****

QUILL
High River Resources Ltd.
Quillo Resources Inc.

Au
Vein/Replacement
105 F 9 (117)
(61°33'N, 132°17'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1986, p.90).

Claims: QUILL 4,6, 17-22

Source: Summary by W.P. LeBarge of assessment report 091684 by C.G. Verley (Amerlin Exploration Services Ltd.).

History:

The QUILL claims were staked in May 1984 for High River Resources Ltd., and are currently held under a joint venture agreement between High River Resources and Quillo Resources.

Description:

Precambrian to Lower Cambrian clastics of interbedded phyllites and sandstones are overlain by Lower Cambrian carbonates along a sheared contact zone. Two types of sulphide mineralization were found, both within the Precambrian-Lower Cambrian clastics. The first is massive, auriferous pyrrhotite-arsenopyrite boulder-size float in the central part of the claim group. The second is a well developed, steeply dipping northwest trending fracture system, which forms a sheeted or stockwork-like zone extending across the width of the property. Vuggy quartz veins with pyrite and arsenopyrite are common fracture fillings, and wallrock is typically bleached and contains disseminated pyrite.

Current Work and Results:

The 1985 work program consisted of preliminary geological mapping prospecting, talus fines and stream sediment sampling, as well as limited soil sampling. High background levels of gold and arsenic were encountered, indicating mineralization extends across the entire sampled area. Anomalous gold and arsenic were found in talus fines below sulphide bearing veins, and soil sampling above and adjacent to massive pyrrhotite mineralization had values of up to 3289 ppm As and 685 ppb Au.

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SONNY 105 F 8 (12)
B. Hall (61°30'N,132°16'W)

Claims 1985: PIZZA 1-30, 33-44

SONNY 105 F 8 (12)
D. Ridley (61°30'N,132°16'W)

Claims 1985: PIZZA 45-56

CONNELL 105 F 7,10 (55)
D.Adzick (61°30'N,132°35'W)

Claims 1985: LP 95-116

CONNELL 105 F 7,10 (55)
M.E. Baknes (61°30'N,132°35'W)

Claims 1985: LP 117-140

CONNELL 105 F 7,10 (55)
B. Hobson (61°30'N,132°35'W)

Claims 1985: LP 141-175

CONNELL 105 F 10 (55)
M.E. Baknes (61°31'N,132°35'W)

Claims 1985: LP 64-71

CONNELL 105 F 10 (55)
M.J. Gray (61°31'N,132°35'W)

Claims 1985: LP 78-93

CONNELL 105 F 10 (55)
I.A. Patterson (61°31'N,132°35'W)

Claims 1985: LP 1-4

TAKU 105 F 10 (60)
J. Rowe (61°47'N,132°34'W)

Claims 1985: RAM 731-758

SA 105 F 9 (109)
B. Patnode (61°40'N,132°10'W)

Claims 1985: S.A. 1-2

PESCOD 105 F 8 (111)
S. Case (61°30'N,132°09'W)

Claims 1985: PESCOD 1-12

WEBB 105 F 14,15 (110)
G. Clark (61°50'N,133°00'W)

Claims 1985: WEBB 1-20

TRENCH 105 F 15 (41)
Hudson Bay Exploration and (61°57'N,132°37'W)
Development Co. Ltd.

Claims 1985: GRAND 49-162; CANYON 293-310

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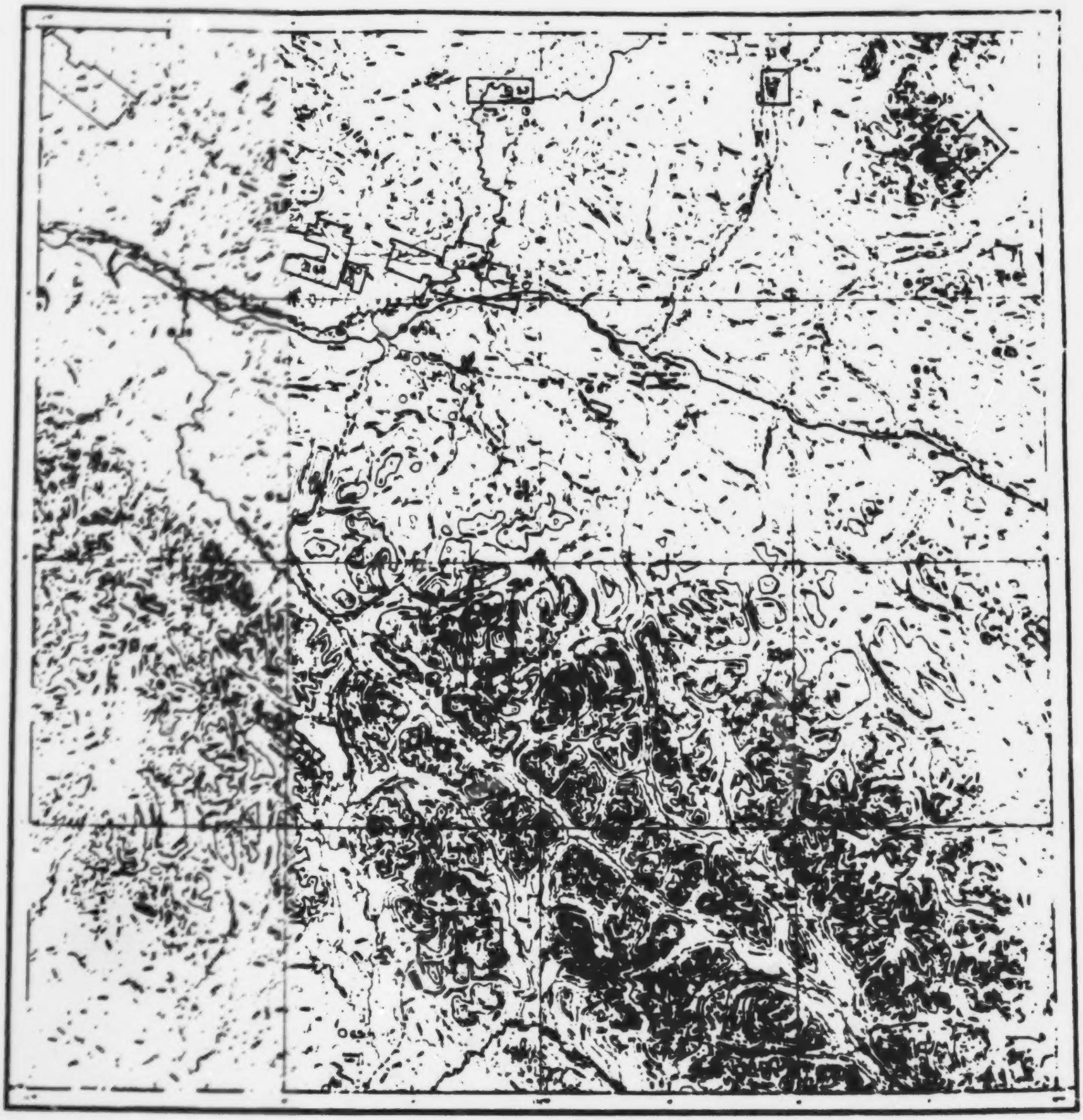
Preliminary Map Only

105 G



FINLAYSON LAKE

YUKON TERRITORY

5 0 5 10 15 20 25 30

Kilometres

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)	●	Mineral Deposit or Occurrence see Key on facing page	―	Placer Lease in good standing (Jan. 1984)	- - - -	Tote Trai
		○	Unmineralized Target		Placer Claims in good standing (Jan. 1984)	―	Driveable Road
		▭	Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983	CEL	Coal Exploration Licence	✧	Oil or Gas We
		▭	Mineral Claims staked in 1983	CML	Coal Mining Lease	▬	Airstrip

FINDLAYSON LAKE MAP-AREA (NTS 105 G)

General Reference: GSC Open File 486 by: D.J. Tempelman-Kluit, 1977.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	MONT	Vein Cu	105 G 2	7	Findlay (1967, p. 64-65); D.I.A.N.D. (1982, p. 136); This Report
2	BLUEBERRY	Vein Ag Pb Zn Cu W	105 G 2	7	
3	SLAM	Vein Zn Cu	105 G 2	7	
4	TINTINA (EAGLE)	Vein, Replacement Ag Pb Zn	105 G 3	2	Morin *et al* (1977, p. 199-203)
5	PLUMB (NOLE)	Vein Pb Zn Ag	105 G 6	7	Morin *et al* (1979, p. 86)
6	FH (JOE)	Stratabound Concordant Ag Pb Zn Cu Ba	105 G 5	7	D.I.A.N.D. (1985, p. 176-177)
7	McNEIL	Stratabound Discordant	105 G 5	7	
8	AXE	Stratabound Discordant	105 G 5	7	D.I.A.N.D. (1985, p. 177)
9	HOO	Vein, Replacement Zn Pb Cu	105 G 12	7	Sinclair and Gilbert (1975, p. 85-86)
10	EL	Work Target	105 G 6	9	Findlay (1969a, p. 79)
11	PICK	Vein Ag Pb	105 G 6	7	
12	GRASS	Vein Mo W	105 G 6	7	
13	SANDERS	Skarn Pb Zn Cu	105 G 6	7	
14	RILEY	Vein Cu Pb	105 G 6	7	
15	ZIELINSKI	Vein Pb Zn Cu Ag	105 G 6	7	
16	RIVIERA	Vein, Replacement Cu Zn	105 G 6	7	
17	GYP	Vein Pb Zn Cu	105 G 7	7	
18	GEE	Vein Pb	105 G 7	7	
19	PIT	Vein Zn Cu Ag Au	105 G 7	7	
20	ROB	Vein Cu Pb Ag	105 G 7	7	
21	PACK	Stratabound Concordant Zn Cu	105 G 7	6	D.I.A.N.D. (1981, p. 180); Morin (1981b, in D.I.A.N.D., 1981, p. 91-97)
22	FYRE	Stratabound Concordant Pb Zn Cu Ag (Ba)	105 G 2	7	D.I.A.N.D. (1982, p. 135); Morin (1981b, in D.I.A.N.D., (1981, p. 91-97)
23	TOP	Vein Ag Pb Zn	105 G 1	7	
24	DUB	Work Target	105 G 2	9	Findlay (1967, p. 59-60)
25	MM	Skarn Cu	105 G 1	7	
26	VINCENT	Vein Cu	105 G 8	7	
27	BOT	Asbestos	105 G 10	7	Morin *et al* (1979, p. 85)
28	PUP	Asbestos	105 G 12	7	
29	CHOW	Vein Pb Zn Ag	105 G 13	7	Morin *et al* (1979, p. 88)
30	DOL	Work Target	105 G 14	9	
31	CAMPBELL	Coal	105 G 14	7	Keele (1910, p. 50)

32 PHIL (BOB)	Stratabound Concordant Pb Zn Cu	105 G 15	6	D.I.A.N.D. (1981, p. 180, 182)
33 PAY	Vein, Replacement Au Ag Pb Zn	105 G 15	7	Findlay (1969a, p. 81-83)
34 RIS	Vein Cu	105 G 16	7	
35 SPUD	Work Target	105 G 16	7	Tempelman-Kluit (1974c, p. 44)
36 JAKE	Vein Ag Pb Zn	105 G 16	7	
37 MAP	Vein Ag Pb	105 G 1	7	
38 WATERS	Vein Ag Pb	105 G 1	7	
39 ZIMMER	Vein, Replacement Cu	105 G 12	7	
40 INGS	Vein Cu	105 G 3	7	
41 HARMAN	Work Target	105 G 16	9	Sinclair and Gilbert (1975, p. 88)
42 ELECTRIC	Stratabound Concordant Pb Zn	105 G 14	7	This Report
43 MYDA	Skarn W	105 G 7	7	D.I.A.N.D. (1981, p.180)
44 FETISH	Stratabound Concordant Cu Zn Pb	105 G 8	7	Morin (1981b, in D.I.A.N.D., (1981, p. 91-97); D.I.A.N.D., (1985, p. 177)
45 QUANDARY	Work Target	105 G 9	9	
46 FREGERG	Work Target	105 G 11	9	
47 FLIN	Work Target	105 G 11	9	
48 FLON	Work Target	105 G 11	9	
49 HUDSON	Work Target	105 G 10	9	
50 AIRBORNE	Work Target	105 G 11	9	
51 TOKE	Work Target	105 G 7	9	D.I.A.N.D. (1981, p. 180)
52 FOG	Skarn W	105 G 11	6	D.I.A.N.D. (1981, p. 181)
53 STARR	Work Target	105 G 12	9	D.I.A.N.D. (1981, p. 182)
54 GONZO	Work Target	105 G 14	9	D.I.A.N.D. (1981, p. 182)
55 BOOT	Skarn W	105 G 6	6	D.I.A.N.D. (1981, p. 181)
56 HOWDEE	Skarn W	105 G 7	7	D.I.A.N.D. (1981, p. 182)
57 DWONK	Work Target	105 G 14	9	D.I.A.N.D. (1981, p. 182)
58 EAGLE (FRED)	Stratabound Concordant Pb Zn	105 G 11	7	D.I.A.N.D. (1981, p. 182)
59 PY	Work Target	105 G 1	9	Sinclair *et al* (1976, p. 164)
60 MONEY	Work Target	105 G 8	9	Sinclair *et al* (1976, p. 166)
61 BOW	Work Target	105 G 3	9	Morin *et al* (1979, p. 85)
62 NMT	Work Target	105 G 5	9	Morin *et al* (1977, p. 203)
63 TIL	Work Target	105 G 9	9	Morin *et al* (1980, p. 65)
64 IRENE	Work Target	105 G 9	9	Morin *et al* (1980, p. 67)
65 PAT	Work Target	105 G 3	9	Morin *et al* (1979, p. 85)
66 NEW	Work Target	105 G 12	9	Morin *et al* (1979, p. 87)
67 SAS	Work Target	105 G 16	9	D.I.A.N.D. (1982, p. 136)
68 LEACH	Work Target	105 G 14	6	D.I.A.N.D. (1983, p. 128-129)
69 CYR	Work Target	105 G 6	9	Morin *et al* (1980, p. 64)
70 WHIT	Work Target	105 G 5	9	This Report

ELECTRIC
A. Carlos

Pb, Zn
Stratiform
105 G 14 (42)
(61°46'N, 131°15'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1985, p.177).

Claims: BINGO 1-4

Source: Summary by W.P. LeBarge from assessment report 091774 by R. Stroshein.

History:

The BINGO claims were staked in April of 1980 and were optioned by Hudson Bay Exploration and Development under an agreement with Pelly Banks Syndicate. The agreement has since lapsed.

Description:

The geology underlying the claim group consists of pale green muscovite-chlorite-quartz phyllite and medium green amphibole-chlorite phyllite, near an overlying unit of graphite phyllite. Siliceous bands and pods occur in the pale and medium green phyllites, and zinc-lead mineralization has been found on the adjacent EAGLE claims near the contact between siliceous sections of green phyllites and the graphite phyllites.

Current Work and Results:

This 1981 program was not documented in earlier reports. Linecutting was carried out on March 16 and 17, 1981 for the purpose of reconnaissance electromagnetic and magnetic surveys. Subsequently all lines were chained at 25m (horizontal) intervals using a secant chaining method for slope correction. Due to equipment malfunction the EM max-min survey and magnetic surveys were not conducted.

MONT 105 G 2 (1)
W. Heshka (61°02'N,130°45'W)

Claims 1985: RAD 1-16

MONT 105 G 2 (1)
R.K.M. Zimmerman (61°02'N,130°43'W)

Claims 1985: AU 1-14

WHIT 105 G 5 (70)
D.A. Halstead (61°25'N,131°50'W)

Claims 1985: WHIT 1, 2

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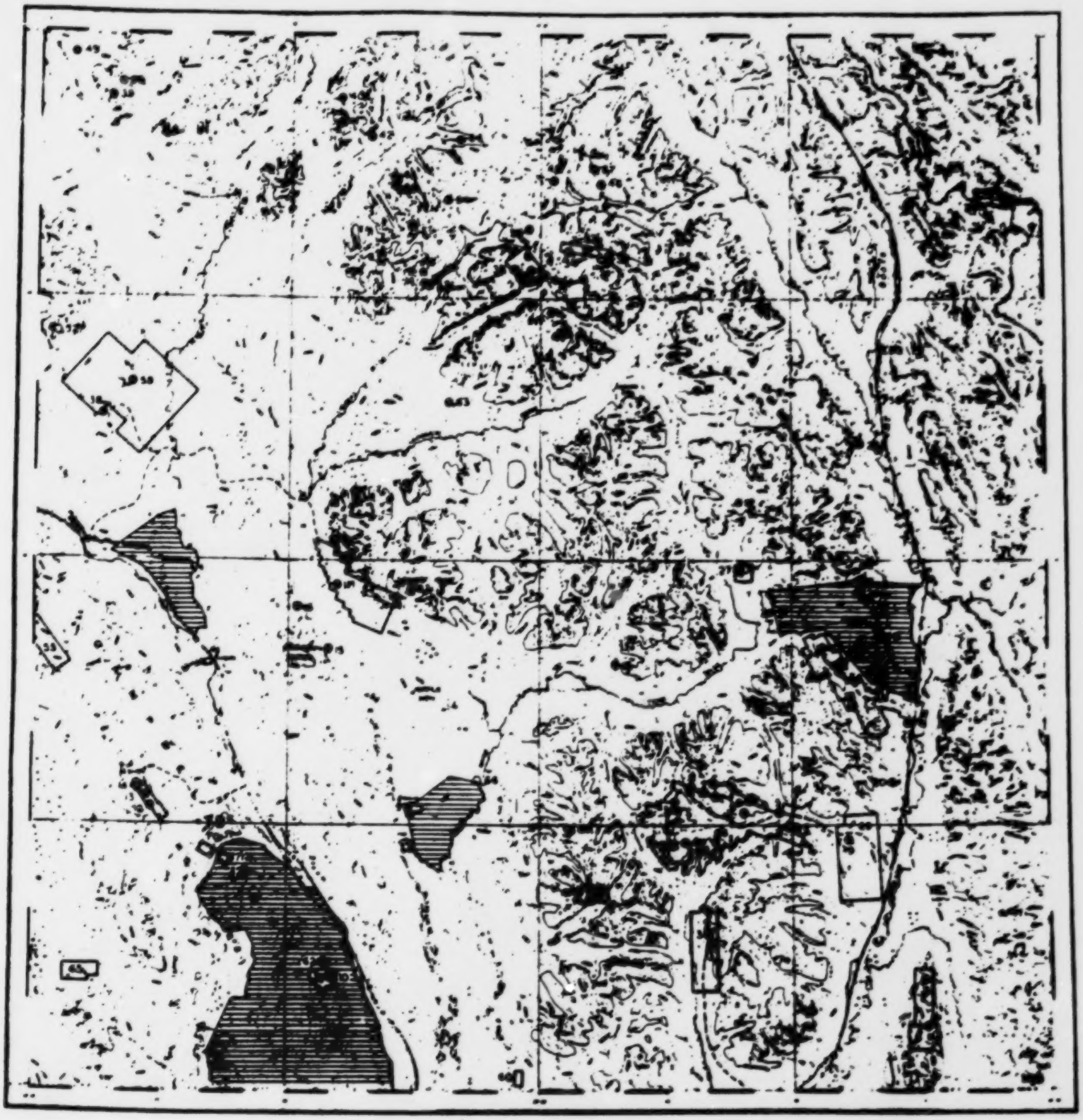
105 H

Preliminary Map Only

105 H



FRANCES LAKE

YUKON TERRITORY - NORTHWEST TERRITORIES

5 0 5 10 15 20 25 30

Kilometres

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

● Mineral Deposit or Occurrence see Key on facing page

○ Unconfirmed Target

▭ Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983

▭ Mineral Claims staked in 1983

Placer Leases in good standing (Jan. 1984)

Placer Claims in good standing (Jan. 1984)

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Driveable Road

✦ Oil or Gas Well

Airstrip

FRANCES LAKE MAP-AREA (NTS 105 H)

General Reference: GSC Map 6-1966 by: S.L. Blusson, 1966.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERNCE
1	JAN	Skarn Au Cu	105 H 1	7	D.I.A.N.D. (1983, p. 131)
2	MIDAS	Work Target	105 H 1	9	D.I.A.N.D. (1982, p. 139-140, 145)
3	FLIP (MTB)	Skarn Ag Pb Zn Cu W	105 H 2	6	D.I.A.N.D. (1981, p. 185)
4	DC	Skarn Zn Pb (Ag Sn)	105 H 2	7	Green (1966, p. 72)
5	MIKO	Skarn Pb Zn Ag	105 H 7	5	D.I.A.N.D. (1982, p. 140)
6	GLENNA	Skarn Ag Pb Zn Cu	105 H 7	6	D.I.A.N.D. (1982, p. 141)
7	STEELE	Work Target	105 H 7	9	Sinclair and Gilbert (1975, p. 81-82)
8	RIETA (MAX)	Skarn W	105 H 7	7	D.I.A.N.D. (1985, p. 180)
9	FRANCES	Vein Cu	105 H 6	7	
10	LIND	Asbestos	105 H 3	7	D.I.A.N.D. (1983, p. 131, 133)
11	DOUG	Vein Cu	105 H 4	7	
12	TUCHITUA	Asbestos	105 H 5	7	D.I.A.N.D. (1981, p. 185)
13	EKO (GREEN STUFF)	Asbestos	105 H 5	7	Morin et al (1977, p. 209); This Report
14	DIM	Asbestos	105 H 5	7	
15	MAY	Work Target	105 H 6	9	Green (1966, p. 72)
16	MAPEL	Vein Cu Pb Zn	105 H 6	7	
17	MATT BERRY	Stratabound Concordant Pb Zn Ag	105 H 6	5	D.I.A.N.D. (1982, p. 141)
18	FLUKE	Skarn Pb Zn Ag W	105 H 7	7	D.I.A.N.D. (1981, p. 186)
19	CANYON	Skarn Ag Pb Zn	105 H 1	7	D.I.A.N.D. (1983, p. 131-132)
20	STU	Work Target	105 H 8	9	Blusson (1966)
21	TERRY	Skarn W	105 H 8	7	D.I.A.N.D. (1982, p. 145)
22	CORRIE	Vein, Replacement Cu	105 H 8	7	
23	BLACK JACK	Skarn Zn Pb	105 H 8	7	D.I.A.N.D. (1982, p. 141-142)
24	FIR TREE	Skarn Zn Pb	105 H 8	7	D.I.A.N.D. (1982, p. 141-142)
25	MONTSE	Skarn W	105 H 8	7	
26	RON	Skarn Zn Pb (Ag Sn)	105 H 7	7	Green (1966, p. 68-71); D.I.A.N.D. (1982, p. 145)
27	HELEN	Work Target	105 H 7	9	Blusson (1966); D.I.A.N.D., (1982, p. 145)
28	BROD	Skarn Pb Zn Ag	105 H 9	7	D.I.A.N.D. (1981, p. 186; 1986, p.99)
29	RAIN	Skarn Cu Fe	105 H 9	6	D.I.A.N.D. (1981, p. 188); D.I.A.N.D. (1982, p. 145)
30	ROAD	Work Target	105 H 9	9	Green (1968, Figure 1); D.I.A.N.D. (1981, p. 188)
31	TOY (REA)	Skarn Ag Pb Zn Cu	105 H 10	7	Morin et al (1977, p. 210)
32	BR	Skarn W Cu	105 H 15	7	

33	TANYA	Skarn W Cu	105 H 15	7	Craig and Milner (1975, p. 117)
34	GUY	Skarn W Cu	105 H 15	7	Green (1968, Figure 1)
35	THOR	Porphyry Mo	105 H 14	7	D.I.A.N.D. (1982, p. 142)
36	BROTEN	Skarn W Cu Mo	105 H 14	7	
37	TUSTLES	Vein Cu	105 H 14	7	
38	TED	Stratabound Concordant, Vein Ba, Ag Pb Zn Au	105 H 12	5	D.I.A.N.D. (1982, p. 142)
39	NARCHILLA	Skarn W Cu Pb Zn	105 H 13	7	
40	LEE	Skarn Zn Pb (Ag Sn)	105 H 14	7	D.I.A.N.D. (1981, p. 188)
41	YUSEZYU	Work Target	105 H 14	9	Blusson (1966)
42	DODGE	Skarn Mo	105 H 14	7	
43	TILLEI	Porphyry Mo W	105 H 14	7	
44	HITCH HIKER	Vein Ag Pb Zn	105 H 14	7	
45	ZEUS	Skarn W Mo	105 H 15	7	D.I.A.N.D. (1982, p. 143)
46	CHAP	Skarn W Mo	105 H 15	7	D.I.A.N.D. (1982, p. 143)
47	ALM	Skarn Pb Zn	105 H 16	7	
48	BUS	Work Target	105 H 16	9	Skinner (1961, p. 46)
49	TIM	Skarn Pb Zn Cu	105 H 13	7	
50	SUSAN	Skarn W	105 H 8	7	D.I.A.N.D. (1982, p. 142)
51	LAN	Skarn Pb Zn Ag	105 H 1	7	D.I.A.N.D. (1981, p. 187)
52	TIN	Work Target	105 H 12	9	D.I.A.N.D. (1981, p. 187)
53	VIKING	Skarn Ag Pb Zn	105 H 13, 14	7	D.I.A.N.D. (1981, p. 187)
54	WOAH	Skarn W	105 H 14	5	D.I.A.N.D. (1981, p. 187)
55	JULIA	Vein, Replacement Cu Zn Ag	105 H 5	7	D.I.A.N.D. (1982, p. 143)
56	TINY	Work Target	105 H 9	9	D.I.A.N.D. (1981, p. 188)
57	AURORA	Skarn W Mo	105 H 15	7	D.I.A.N.D. (1982, p. 143)
58	TAI	Skarn W	105 H 14	7	D.I.A.N.D. (1981, p. 187)
59	FIN	Stratabound Concordant Pb Zn Ba	105 H 12	7	D.I.A.N.D. (1986, p. 98)
60	HAWK	Occurrence W	105 H 3	7	D.I.A.N.D. (1982, p. 144)
61	SUZANNE	Skarn Zn Pb (Ag Sn)	105 H 2	7	Morin et al (1977, p. 207)
62	KING ARCTIC	Work Target	105 H 3	9	Morin et al (1977, p. 208)
63	MAXI	Stratabound Concordant Pb Zn Cu Ag (Ba)	105 H 11	7	Morin et al (1980, p. 67-68)
64	ON	Work Target	105 H 2	9	D.I.A.N.D. (1982, p. 145)
65	KNEIL	Stratabound Concordant Fe Zn Pb	105 H 4	7	D.I.A.N.D. (1983, p. 131-133)
66	TYER	Work Target	105 H 6	9	D.I.A.N.D. (1982, p. 145)
67	LYNX	Work Target	105 H 16	9	D.I.A.N.D. (1982, p. 145)
68	TUNA	Skarn, Vein W Mo Cu	105 H 16	7	D.I.A.N.D. (1983, p. 131, 133)
69	GEL	Work Target	105 H 1	9	D.I.A.N.D. (1982, p. 144-145)
70	BEANS	Work Target	105 H 4	9	D.I.A.N.D. (1985, p. 180); D.I.A.N.D. (1986, p. 99)
71	PICA	Work Target	105 H 4	9	D.I.A.N.D. (1985, p. 180)
72	BARRY	Work Target	105 H 1	9	D.I.A.N.D. (1986, p. 99)
73	CAMPBELL	Work Target	105 H 4	9	This Report

CAMPBELL 105 H 4 (73)
H. Caesar (61°14'N,129°42'W)

Claims 1985: CAMPBELL 1

EKO (GREEN STUFF) 105 H 5 (13)
G. Sckopke (61°17'N,129°46'W)

Claims 1985: SUE 1-2

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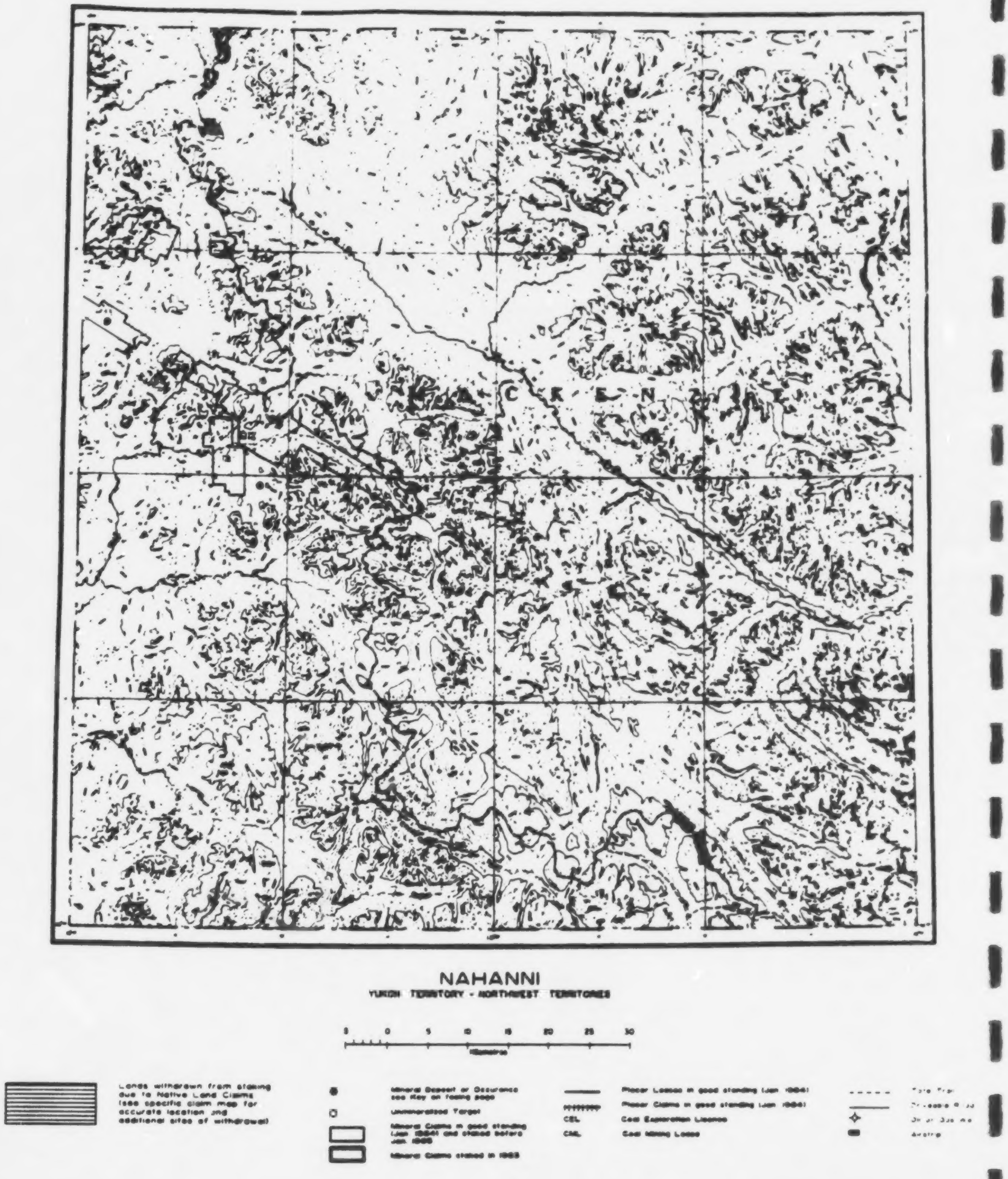
105 I

Preliminary Map Only

105 I



NAHANNI

YUKON TERRITORY - NORTHWEST TERRITORIES

A C K E N Z
5 0 5 10 15 20 25 30
Kilometres
Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
Mineral Deposit or Occurrence see Key on facing page
Unmineralized Target
Mineral Claims in good standing (Jan 1984) and staked before Jan 1983
Mineral Claims staked in 1983
Placer Leases in good standing (Jan 1984)
Placer Claims in good standing (Jan 1984)
CEL Coal Exploration Licence
CML Coal Mining Lease
Tote Trail
Driveable Road
Oil or Gas Well
Airstrip

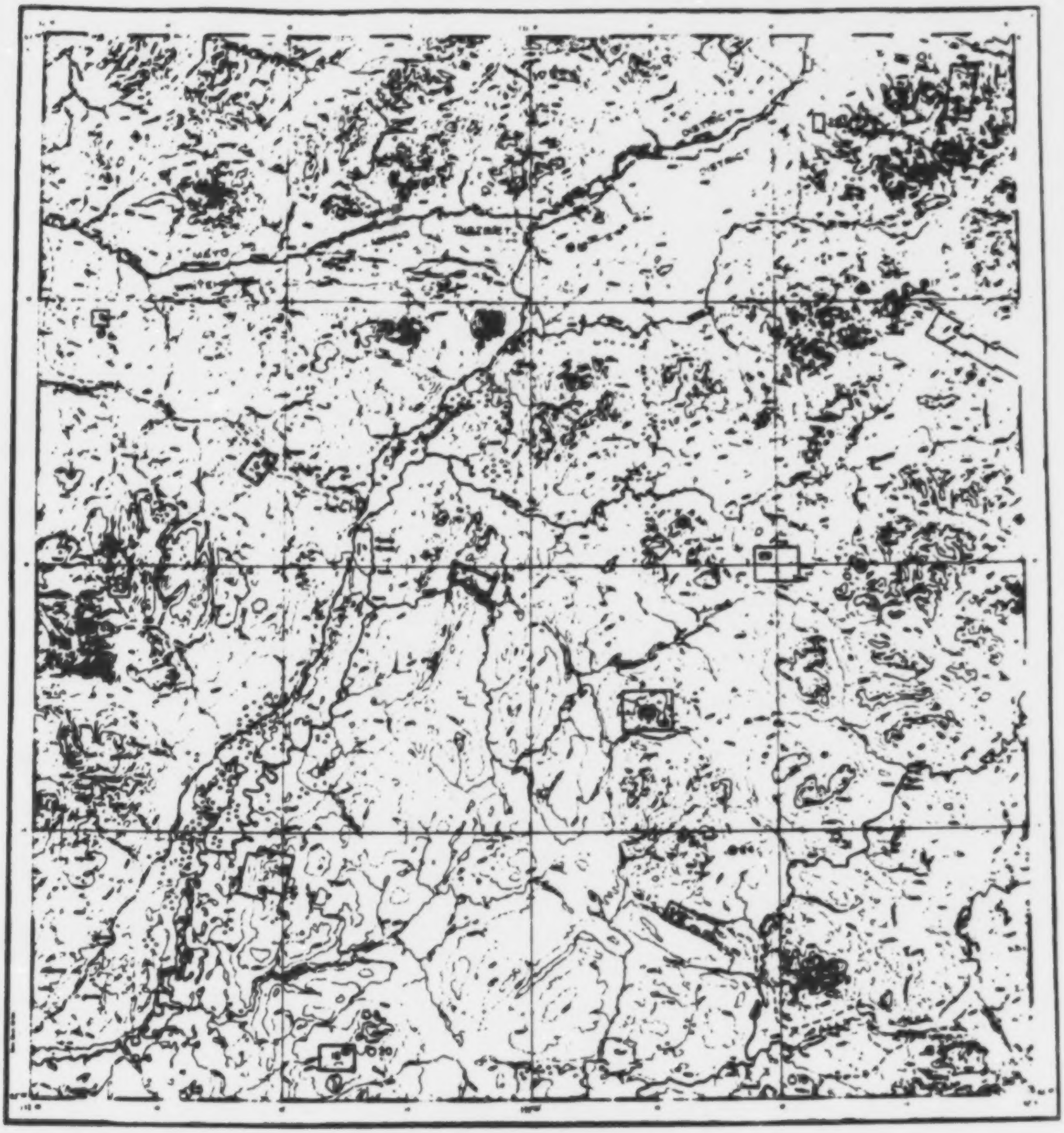
NAHANNI MAP-AREA (NTS 105 I)

General Reference: GSC Open File 780 and GSC Open File 809 by: S.P. Gordey, 1981.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	NAR	Vein, Skarn Cu Pb Ag Zn	105 I 4	7	
2	OMO	Skarn W Cu Zn	105 I 13	6	D.I.A.N.D. (1982, p. 147)
3	BIRR (BEE)	Skarn Cu Fe	105 I 13	7	Findlay (1969b, p. 50)
4	SEL	Vein Au	105 I 13	7	D.I.A.N.D. (1985, p. 183)
5	HOWARD'S PASS	Stratabound Concordant Pb Zn Ag	105 I 6	2	MIR (N.W.T.), 1973; D.I.A.N.D., (1981, p. 7, 18); Morganti (1985); Goodfellow and Jonasson (1985); Jonasson and Goodfellow (1985)
6	SHEILD	Stratabound Concordant Pb Zn	105 I 6	7	Sinclair *et al* (1975, p. 160-161)
7	ORO	Stratabound Concordant Ba	105 I 12	7	Sinclair and Gilbert (1975, p. 96-98)
8	WISE	Stratabound Concordant Pb Zn Ag	105 I 12	7	
9	WINKIE (ROSS)	Work Target	105 I 6	9	Sinclair *et al* (1975, p. 161-162); D.I.A.N.D. (1983, p. 135)
10	NESS (MAD)	Vein Cu	105 I 6	7	Sinclair and Gilbert (1975, p. 96-97)
11	DIANNE	Work Target	105 I 5	9	
12	RITZ	Work Target	105 I 12	9	D.I.A.N.D. (1981, p. 190)
13	ABBEY	Stratabound Concordant Pb Zn	105 I 12	6	D.I.A.N.D. (1981, p. 190)
14	TANG	Stratabound Concordant Ba	105 I 12	7	Morin *et al* (1979, p. 92)
15	OHNO	Work Target	105 I 12	9	Morin *et al* (1980, p. 69)
16	ROOK	Work Target	105 I 13, 12	9	Morin *et al* (1980, p. 70)
17	FAST	Work Target	105 I 12	9	D.I.A.N.D. (1983, p. 135)
18	SAND	Work Target	105 I 12, 13	9	D.I.A.N.D. (1985, p. 183-184)

Preliminary Map Only

105 J


MAYO
DISTRICT
DISTRICT
DISTRICT

SHELDON LAKE
YUKON TERRITORY

5
0
5
10
15
20
25
30
Kilometres

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
●	Mineral Deposit or Occurrence see Key on facing page
○	[illegible] Target
☐	Mineral Claims in good standing (Jan. 1990) and staked before Jan. 1989
▭	Mineral Claims staked in 1989
───	Placer Leases in good standing (Jan. 1990)
┼┼┼┼	Placer Claims in good standing (Jan. 1990)
CEL	Coal Exploration Licence
CML	Coal Mining Lease
- - - -	Tote Trail
───	Driveable Road
✧	Oil or Gas Well
▬	Airstrip

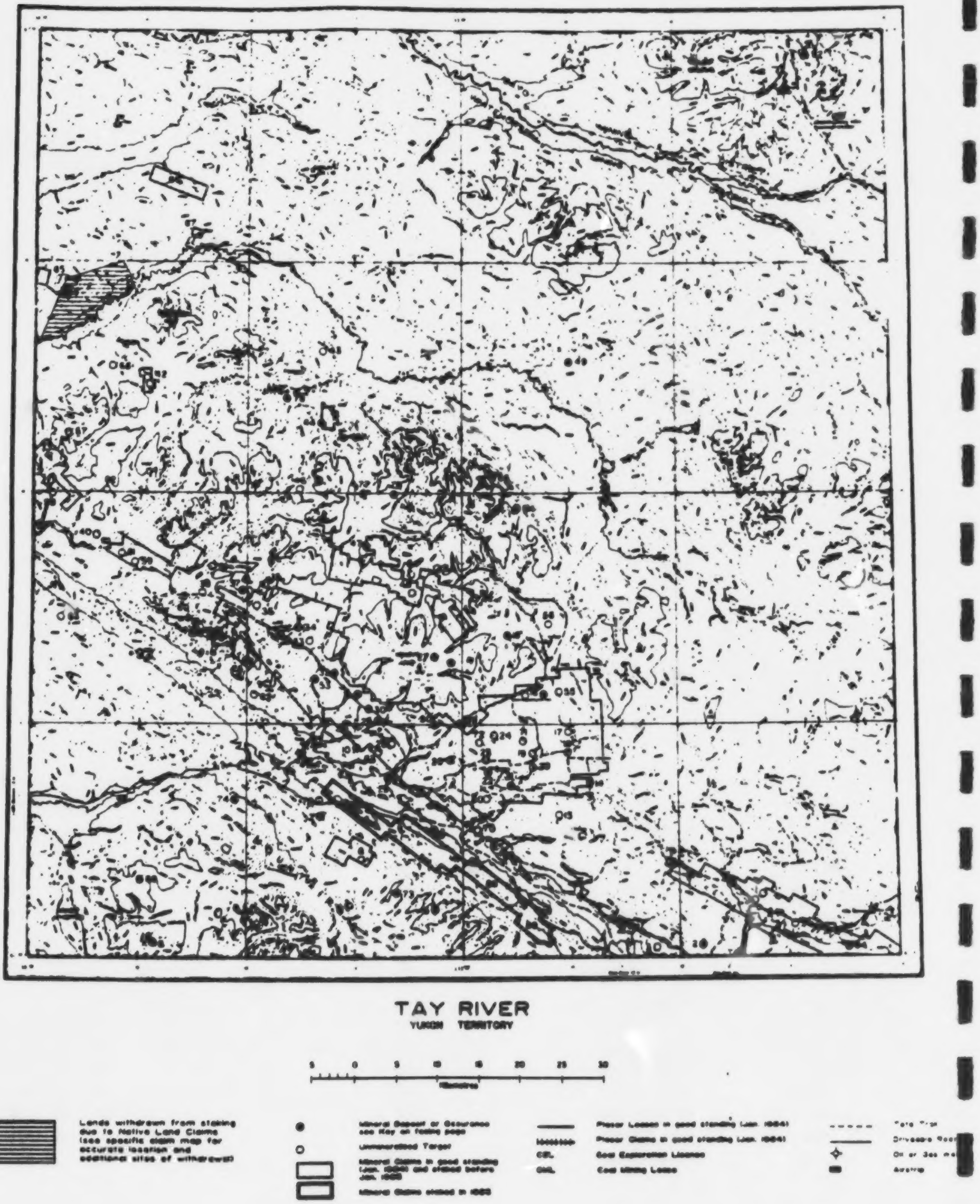
SHELDON LAKE MAP-AREA (NTS 105 J)

General Reference: GSC Map 12-1961 by: J.A. Roddick and L.H. Green, 1961.
GSC Open File 212 by: D.J. Tempelman-Kluit, 1974.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	FULLER	Work Target	105 J 16	9	
2	BILL	Vein Pb Zn	105 J 1	7	Findlay (1969a, p. 81)
3	PIKE	Porphyry Cu Ag	105 J 2	2	D.I.A.N.D. (1982, p. 149)
4	NORKEN	Work Target	105 J 2	9	Sinclair *et al* (1976, p. 169)
5	TAC	Porphyry Cu Mo	105 J 3	7	
6	DRAGON	Skarn, Vein Au Ag	105 J 12	7	D.I.A.N.D. (1986, p. 105)
7	MT. SHELDON	Vein Cu	105 J 11	7	Kindle (1945, p. 25)
8	RIDDELL	Work Target	105 J 12	9	Craig and Milner (1975, p. 105-106)
9	SPEARHEAD (PDM)	Skarn Cu Fe	105 J 13	7	Craig and Milner (1975, p. 33)
10	ROG	Work Target	105 J 15	9	Craig and Milner (1975, p. 123)
11	CLYDE	Work Target	105 J 9	9	Craig and Laporte (1972, p. 128)
12	PREVOST	Work Target	105 J 9	9	Sinclair and Gilbert (1975, p. 118-119); D.I.A.N.D. (1981, p. 195)
13	GUN	Skarn Cu Fe	105 J 16	7	Findlay (1969b, p. 166-167); D.I.A.N.D. (1981, p. 151)
14	ITSI	Vein Ag Pb Zn Cu As Sn	105 J 16	5	D.I.A.N.D. (1981, p. 193)
15	COSTIN	Vein Ag Pb Zn	105 J 16	7	
16	CAROLYN	Coal	105 J 4	7	
17	VARISCITE (MS)	Work Target	105 J 16	9	Sinclair *et al* (1975, p. 166-167)
18	HENCH	Vein Pb Zn Ag	105 J 3	7	D.I.A.N.D. (1981, p. 193)
19	PPR	Work Target	105 J 1	9	D.I.A.N.D. (1981, p. 195)
20	CLINGON	Work Target	105 J 3	9	D.I.A.N.D. (1981, p. 195)
21	WILSON	Work Target	105 J 16	9	D.I.A.N.D. (1981, p. 194)
22	EMPTY	Work Target	105 J 16	9	D.I.A.N.D. (1981, p. 194)
23	TRAFFIC	Vein Ag Pb Zn Cu	105 J 1	7	D.I.A.N.D. (1981, p. 194)
24	PIG	Stratabound Concordant Pb Zn Cu Ag	105 J 2	7	Morin *et al* (1979, p. 93)
25	BOJO	Work Target	105 J 4	9	Morin *et al* (1980, p. 71)
26	LH	Work Target	105 J 1	9	D.I.A.N.D. (1982, p. 151)
27	AM	Porphyry Cu Mo	105 J 4	7	D.I.A.N.D. (1983, p. 137-139)
28	SHERPA	Work Target	105 J 7	9	D.I.A.N.D. (1982, p. 150, 151)
29	DYAK	Work Target	105 J 9, 10	9	D.I.A.N.D. (1982, p. 150, 151)
30	RUDY	Work Target	105 J 10	9	D.I.A.N.D. (1983, p. 137, 139)
31	GREGGIE	Work Target	105 J 1	9	D.I.A.N.D. (1982, p. 150-151)
32	RAGS	Work Target	105 J 5	9	D.I.A.N.D. (1985, p. 188)
33	WENDY	Work Target	105 J 5	9	D.I.A.N.D. (1985, p. 187)
34	NARL	Work Target	105 J 6, 11	9	D.I.A.N.D. (1986, p. 105)

Preliminary Map Only

105 K



TAY RIVER
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres
Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
Mineral Deposit or Occurrence see Key on facing page
Unmineralized Target
Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983
Mineral Claims staked in 1983
Placer Leases in good standing (Jan. 1984)
Placer Claims in good standing (Jan. 1984)
CEL. Coal Exploration Licence
CML. Coal Mining Lease
Tote Trail
Driveable Road
Oil or Gas we
Airstrip

TAY RIVER MAP-AREA (NTS 105 K)

General Reference: GSC Map 13-1961 by: J.A. Roddick and L.H. Green, 1961.
GSC Open File 212 by: D.J. Tempelman-Kluit, 1974.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	TENAS	Work Target	105 K 1	9	D.I.A.N.D. (1982, p. 154)
2	RAGS (ROSS RIDGE)	Vein Cu	105 K 1	7	Johnston (1936, p. 18)
3	PEN	Work Target	105 K 2	9	
4	OLGIE (TER)	Work Target	105 k 2	9	Sinclair et al (1976, p. 114)
5	FARGO	Stratabound Concordant Pb Zn	105 K 3	7	Morin et al (1979, p. 64)
6	LYN	Work Target	105 K 3	9	D.I.A.N.D. (1981, p. 197)
7	CASCA (RIDGE)	Work Target	105 K 3	9	Sinclair et al (1975, p. 135-136)
8	THOMAS	Skarn Zn	105 K 4	7	
9	TAKU	Work Target	105 K 6	9	
10	NESBITT	Vein, Replacement Cu	105 K 3	7	This Report
11	BOBCAT	Limestone	105 K 3	7	
12	HOLLY	Work Target	105 K 2	9	
13	SOCK	Work Target	105 K 2	9	Findlay (1967, p. 36); D.I.A.N.D. (1983, p. 141, 145)
14	SPUR	Work Target	105 K 2	9	Findlay (1969a, p. 47-48)
15	ADAMSON	Work Target	105 K 7	9	Tempelman-kluit et al (1968, p. 43-52); Sinclair et al (1975, p. 132)
16	BETA	Work Target	105 K 7	9	Green (1965, p. 36-37)
17	BLIND (FOTO)	Work Target	105 K 2	9	Findlay (1967, p. 40-41); Sinclair and Gilbert (1975, p. 54)
18	CUB	Work Target	105 K 2	9	Green (1965, p. 36-37)
19	NASTY	Work Target	105 K 2	9	Green (1965, p. 36-37); Craig and Milner (1975, p. 92-93)
20	ABRAHAM	Work Target	105 K 2	9	Craig and Milner (1975, p. 92-93)
21	SEA	Stratabound Concordant Pb Zn Ag	105 K 2	7	Green (1965, p. 36-37); D.I.A.N.D. (9182, p. 18, 154-155)
22	BS	Stratabound Concordant Pb Zn Cu Ag (Ba)	105 K 2	7	Sinclair and Gilbert (1975, p. 58)
23	BLACKWOOD (CIVI)	Work Target	105 K 2	9	Morin et al (1977, p. 155)
24	BEA (FOX)	Work Target	105 K 2	9	Findlay (1969a, p. 46-47)
25	SWIM	Stratabound Concordant Pb Zn Ag	105 K 3, 2, 6, 7	2	D.I.A.N.D. (1982, p. 18, 154-155)

26 O'CONNOR	Work Target	105 K 7	9	Findlay (1967, p. 39-40)
27 MUR	Vein Ag Pb Zn	105 K 6	7	
28 SHRIMP	Work Target	105 K 3	9	Green (1965, p. 37-38)
29 VANGORDA	Stratabound Concordant Pb Zn Ag	105 K 6	2	Tempelman-Kluit (1972, p. 46-47)
30 GRUM	Stratabound Concordant Pb Zn Ag	105 K 6	7	D.I.A.N.D. (1983, p. 141-142)
31 KULAN	Stratabound Concordant Pb Zn Cu Ag (Ba)	105 K 6	7	Tempelman-Kluit (1972, p. 32)
32 KIM	Work Target	105 K 6	9	Findlay (1969a, p. 45)
33 LOKO	Work Target	105 K 6	9	Morin et al (1977, p. 161)
34 FARO	Stratabound Concordant Pb Zn Ag	105 K 6	1	D.I.A.N.D. (1986, p. 111)
35 FLAGSTONE	Work Target	105 K 6	9	
36 BRIDEN	Work Target	105 K 6	9	Findlay (1969a, p. 45)
37 JACOLA	Vein Ag Pb Zn	105 K 5, 6	7	
38 CROWN	Work Target	105 K 5	9	D.I.A.N.D. (1982, p. 155, 158)
39 LORNA	Work Target	105 K 5	9	Morin et al (1979, p. 66)
40 RESERVE	Work Target	105 K 5	9	Craig and Milner (1975, p. 98-99)
41 COWARD	Vein, Replacement Pb Zn	105 K 12	7	
42 COLT	Vein, Replacement Pb Zn	105 K 12	7	D.I.A.N.D. (1983, p. 141, 143)
43 OWL	Vein Ag Pb Zn	105 K 11	7	Craig and Laporte (1972, p. 93-94)
44 KEGLOVIC (HAL)	Work Target	105 K 11	9	Sinclair et al (1975, p. 133)
45 IVAN (DANA)	Work Target	105 K 11	9	Sinclair et al (1975, p. 133)
46 SHANNON	Work Target	105 K 11	9	Findlay (1969a, p. 45)
47 REBEL	Work Target	105 K 6	9	Craig and Milner (1975, p. 93-95)
48 KANGAROO	Work Target	105 K 6	9	Sinclair et al (1975, p. 129) D.I.A.N.D. (1983, p. 141, 145)
49 TEDDY	Skarn Zn	105 K 10	7	This Report
50 SIROLA	Work Target	105 K 2	9	
51 LAD	Vein Ag Pb Zn Cu	105 K 16	7	
52 SOLO	Vein Ag Pb Zn Sn Sb	105 K 16	7	Craig and Laporte (1972, p. 97-98)
53 CESSNA	Work Target	105 K 6	9	
54 CHAPLIN (ARO)	Vein Cu Fe	105 K 1	7	Sinclair et al (1975, p. 137)
55 RUTH	Work Target	105 K 7	9	D.I.A.N.D. (1981, p. 198)
56 DOT (TEL)	Work Target	105 K 7	9	D.I.A.N.D. (1981, p. 198)
57 BRAB	Skarn Cu Zn Ag W	105 K 12	7	D.I.A.N.D. (1982, p. 155)
58 FISHHOOK	Work Target	105 K 5, 12	9	D.I.A.N.D. (1982, p. 155-156)
59 HEK	Work Target	105 K 5	9	Sinclair et al (1976, p. 118)
60 MULTI	Work Target	105 K 5	9	Sinclair et al (1976, p. 118-119)
61 JOE	Work Target	105 K 5	9	Sinclair et al (1976, p. 120)
62 TSS	Work Target	105 K 6	9	Sinclair et al (1976, p. 120)
63 DG	Work Target	105 K 3	9	Sinclair et al (1976, p. 121)
64 NORK	Stratabound Concordant Pb Zn	105 K 7	7	Sinclair et al (1976, p. 124)

65 ZED	Work Target	105 K 10	9	Sinclair *et al* (1976, p. 124)
66 LOLO	Work Target	105 K 12	9	Sinclair *et al* (1976, p. 126)
67 RAZ	Work Target	105 K 6	9	Morin *et al* (1977, p. 160)
68 MING	Work Target	105 K 6	9	Morin *et al* (1977, p. 161)
69 CAT	Work Target	105 K 2,3,6,7	9	Morin *et al* (1980, p. 45); D.I.A.N.D. (1986, p. 111)
70 TAR	Work Target	105 K 2	9	Morin *et al* (1979, p. 63)
71 MN	Work Target	105 K 2	9	D.I.A.N.D. (1983, p. 141, 143-144)
72 RACHEL	Work Target	105 K 2	9	D.I.A.N.D. (1983, p. 141, 143-144)
73 SIR JOHN A	Stratabound Concordant Pb Zn	105 K 3	7	Morin *et al* (1980, p. 41)
74 DEV	Stratabound Concordant Pb Zn Cu	105 K 4	7	Morin *et al* (1980, p. 42)
75 URN	Stratabound Concordant Ba	105 K 6	5	D.I.A.N.D. (1983, p. 141, 144)
76 KD	Work Target	105 K 6, 11	9	Morin *et al* (1980, p. 44)
77 CON	Work Target	105 K 6, 11	9	Morin *et al* (1979, p. 68)
78 IRMA	Work Target	105 K 11	9	Morin *et al* (1979, p. 68)
79 LOU	Work Target	105 K 3	9	Morin *et al* (1980, p. 41)
80 MAY	Skarn Zn Pb (Ag Sn)	105 K 5	7	Morin *et al* (1980, p. 42)
81 EVA	Work Target	105 K 5	9	Morin *et al* (1980, p. 43)
82 LU	Work Target	105 K 12	9	Morin *et al* (1980, p. 43-44)
83 BEYON	Work Target	105 K 5	9	D.I.A.N.D. (1986, p. 110)
84 FOO	Work Target	105 K 6	9	D.I.A.N.D. (1983, p. 141, 144)
85 WAD	Work Target	105 K 12	9	D.I.A.N.D. (1983, p. 141, 144-145)
86 LADY DI	Stratabound Discordant Pb Zn Ag	105 K 13	7	D.I.A.N.D. (1983, p. 141, 145)
87 CHUCK	Work Target	105 K 13	9	D.I.A.N.D. (1982, p. 156)
88 GREW CREEK (CANYON)	Work Target	105 K 2, 3	9	This Report
89 HELL	Work Target	105 K 2	9	D.I.A.N.D. (1985, p. 193)
90 DY	Stratabound Concordant Pb Zn Ag	105 K 3, 6	2	Tempelman-Kluit (1972, p.); D.I.A.N.D. (1983, p. 143)
92 LYON	Work Target	105 K 5	9	This Report

TEDDY

Prospectors Airways Limited

Zn
Skarn
105 K 10 (49)
(62°38'N,132°45'W)
Whitehorse M.D.

Reference: No previous reference.

Claims: JAKE 1-16, BONANZA 1-3 fractions.

Source: Summary by W.P. LeBarge from assessment report 017517 by V.S. Papezik.

History:

Prospectors Airways Limited staked the JAKE group of claims in 1956, and the BONANZA fractional claims in 1957. Geological, geophysical and geochemical surveys were conducted in the fall of 1957, and no subsequent work is known.

Description:

A small biotite-quartz-plagioclase porphyry dyke intrudes chert, chert conglomerate and interbedded limey siltstone and shale. Large folded chert beds are visible in Chert Mountain on the northeast corner of the property. Surficial evidence of mineralization is restricted to disseminated pyrite and minor pyrrhotite and associated iron staining in the siltstone and shale. Geophysical and geochemical surveys revealed two anomalous areas and limited diamond drilling suggested the presence of a replacement sulphide deposit at some depth within the siltstone.

Current Work and Results:

The property was last worked in 1957 and the claims are no longer in good standing. The assessment work was not summarized until this report.

*****

GREW CREEK

Hudson Bay Exploration & Development
Co. Ltd.

Au, Ag
Vein
105 F 15, 16
105 K 2, 3 (88)
(62°10'N, 132°40'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.109, 110).

Claims: CANYON 1-320; GRAND 1-162

Source: Summary by B. Lueck of assessment reports 091611, 091673, 091672, 091587, 091637 and 091727 by T. Garagan and R. Stroshein.

Current Work and Results:

Rotary and diamond drilling, geological mapping, geochemical soil sampling, linecutting, trenching and rock sampling were done in 1984 and 1985.

Geochemical soil and rock chip sampling was carried out in a reconnaissance manner over the property. Samples were analyzed for Au, Ag, As, Hg, Cu, Pb, Zn and U. Anomalous zones of limited extent, were encountered which analyzed as high as 380 ppb Au and 2700 ppm Cu.

An integrated electromagnetic and magnetic geophysical survey covered 117 line km. The most significant anomalies coincided with the Grew Creek and Danger Creek fault zones.

*****

LYON

Noranda Exploration Co. Ltd. (N.P.L.)

Work Target
105 K 3 (92)
(62°20'N, 133°46'W)
Whitehorse M.D.

Reference: No Previous Reference.

Claims: LYON 1-52

Source: Summary by B. Lueck of assessment report 091778 by S.A. Mackenzie.

Description:

The property was recently staked as an epithermal gold prospect situated near the Tintina Fault. Andesites and basalts outcrop in the northeast and are in fault contact with rhyolites to the southeast.

Current Work and Results:

Geochemical sampling consisted of 37 soil samples, 32 silt samples, 11 pan concentrates and 21 rock samples. Parts of the claim were geologically mapped.

Samples generally assayed low, but some were anomalous for Cu, Zn and Ag. No bedrock sources for any of the anomalies have been discovered.

*****

LYON	105 K 5 (92)
Noranda Exploration Co. Ltd. (N.P.L.)	(62°19'N,133°45'W)

Claims 1985: LYON 1-52

NESBITT	105 K 1 (10)
Robert E. Chaplin	(62°03'N,132°18'W)

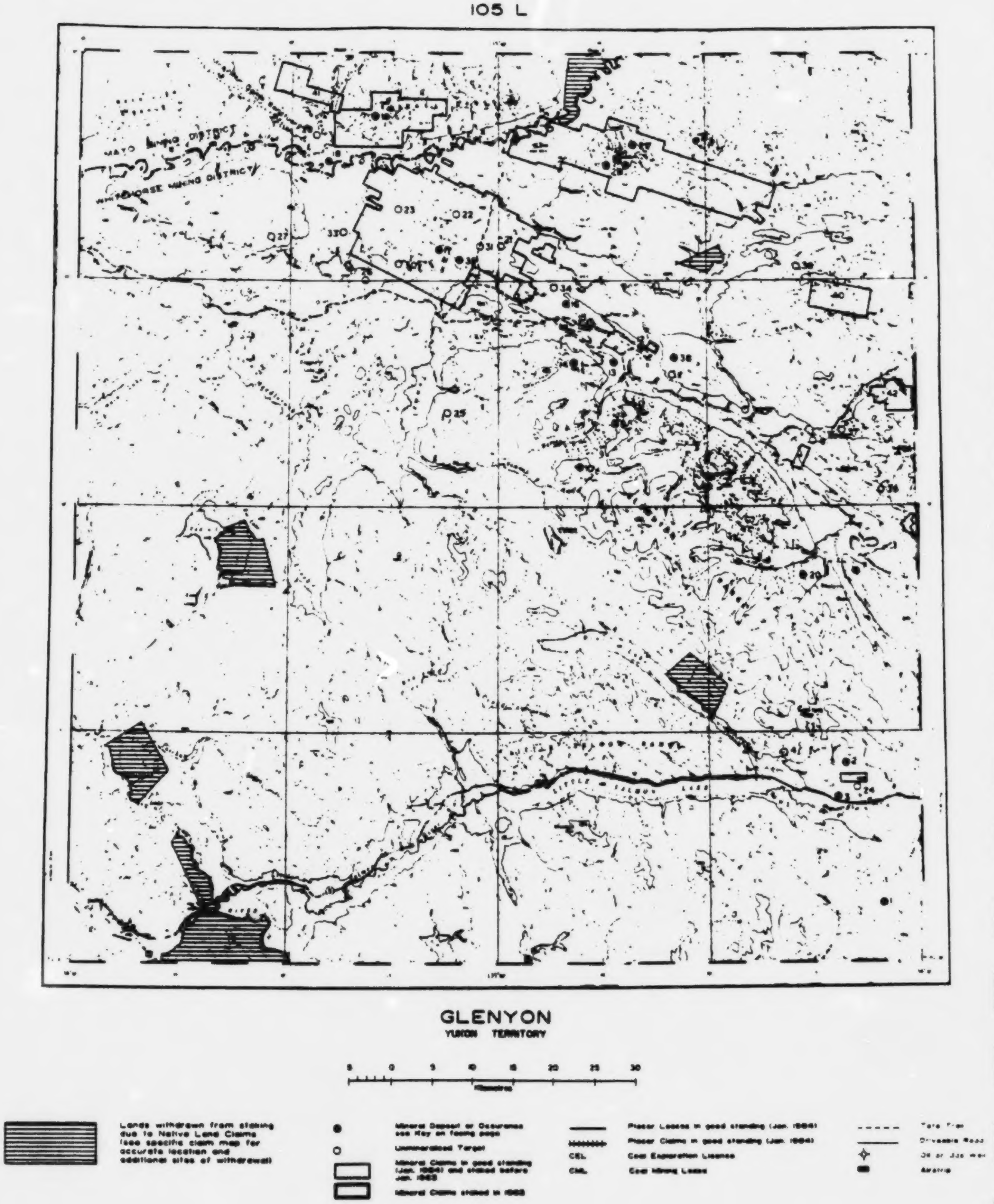
Claims 1985: WOP 1-66

GREW CREEK	105 K 1 (88)
Hudson Bay Exploration and Development Co. Ltd.	(62°07'N,133°00'W)

Claims 1985: CANYON 321-356

*****

Preliminary Map Only


105 L
MAYO MINING DISTRICT
WHITEHORSE MINING DISTRICT
GLENYON
YUKON TERRITORY
5 0 5 10 15 20 25 30
Kilometres
Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
Mineral Deposit or Occurrence see Key on facing page
Unmineralized Target
Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983
Mineral Claims staked in 1983
Placer Leases in good standing (Jan. 1984)
Placer Claims in good standing (Jan. 1984)
CEL Coal Exploration License
CML Coal Mining Lease
Tote Trail
Driveable Road
Oil or Gas Well
Airstrip

GLENLYON MAP-AREA (NTS 105 L)

General Reference: GSC Map 1221A and Memoir 352 by: R.B. Campbell, 1967.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	LOKKEN	Skarn Zn	105 L 1	7	
2	LITTLE SALMON	Skarn Zn Pb (Ag Sn)	105 L 1	7	Green (1965, p. 38-40)
3	MOULE	Work Target	105 L 1	9	Campbell (1967, p. 81); D.I.A.N.D. (1982, p. 163)
4	TRUITT	Work Target	105 L 1	9	
5	BRANDY	Work Target	105 L 2	9	Campbell (1967, p. 81)
6	JUMPONT	Coal	105 L 2	7	Craig and Laporte (1972, p. 156)
7	GLENLYON LAKE	Vein Cu Pb	105 L 8	7	This Report
8	HODDER	Work Target	105 L 9	9	
9	HARVEY	Vein Cu	105 L 10	7	Johnston (1936, p. 18)
10	TUMMEL	Work Target	105 L 10	9	Campbell (1967, p. 81)
11	MUIR	Work Target	105 L 10	9	D.I.A.N.D. (1981, p. 200)
12	HUB	Work Target	105 L 10	9	Findlay (1969b, p. 28-29); D.I.A.N.D. (1983, p. 147, 150)
13	SEARFOSS	Work Target	105 L 10	9	Findlay (1969b, p. 28-29)
14	FRONT	Vein Cu Ag	105 L 10	7	
15	GE	Work Target	105 L 10	9	D.I.A.N.D. (1981, p. 200)
16	McCOWAN	Work Target	105 L 10	9	Findlay (1969b, p. 28-29)
17	CLEAR LAKE	Stratabound Concordant Pb Zn Ag Ba	105 L 14	6	D.I.A.N.D. (1986, p. 114)
18	DUO	Coal	105 L 14	7	
19	MACARTHUR	Skarn Mo Cu W	105 L 14	7	D.I.A.N.D. (1983, p. 147-148); This Report
20	FELIX	Skarn Zn	105 L 8	7	Sinclair *et al* (1976, p. 126)
21	KELLY	Work Target	105 L 15, 14	9	
22	TREDGER	Work Target	105 L 14	9	
23	CONWEST	Work Target	105 L 14	9	
24	DRURY	Skarn Zn Pb Ag	105 L 1	7	D.I.A.N.D. (1983, p. 147-149)
25	PETER	Work Target	105 L 11	9	D.I.A.N.D. (1981, p. 201)
26	GRAF	Work Target	105 L 11, 14	9	D.I.A.N.D. (1981, p. 201)
27	HUGH	Work Target	105 L 13	9	D.I.A.N.D. (1981, p. 201)
28	HANK	Work Target	105 L 14	9	D.I.A.N.D. (1981, p. 201-202)
29	ONE HUMP	Skarn Cu W, Stratabound Concordant Ba, Vein Ag Pb Zn	105 L 15	5	D.I.A.N.D. (1985, p. 196-197)
30	TUM	Work Target	105 L 14	9	D.I.A.N.D. (1985, p. 197)
31	PELLY	Work Target	105 L 14	9	D.I.A.N.D. (1981, p. 202)
32	SAP	Work Target	105 L 9	9	D.I.A.N.D. (1981, p. 202)
33	RSVP	Work Target	105 L 14	9	D.I.A.N.D. (1981, p. 202)
34	WHIP	Work Target	105 L 10	9	D.I.A.N.D. (1981, p. 202)
35	HACHEY	Vein, Replacement Pb Zn Cu	105 L 14	7	

36 JAR	Stratabound Concordant Ba	105 L 16	7	D.I.A.N.D. (1983, p. 147, 149)
37 LOBO	Work Target	105 L 9	9	Sinclair *et al* (1976, p. 127)
38 END	Vein Cu	105 L 10	7	Sinclair *et al* (1976, p. 128)
39 AM-PM	Work Target	105 L 9	9	Morin *et al* (1980, p. 45)
40 RABBIT	Work Target	105 L 9	9	D.I.A.N.D. (1985, p. 197)
41 BUM	Work Target	105 L 14	9	D.I.A.N.D. (1985, p. 197-198); This Report
42 SUE	Vein, Replacement Pb Zn	105 L 9	7	D.I.A.N.D. (1985, p. 198)
43 DAMBUSTER	Work Target	105 L 4	9	D.I.A.N.D. (1985, p. 198)
44 MARK	Work Target	105 L 8	9	D.I.A.N.D. (1985, p. 198)
45 TAY	Work Target	105 L 8 105 K 5	9	D.I.A.N.D. (1985, p. 198)
46 AM	Work Target	105 L 9, 8	9	D.I.A.N.D. (1985, p. 198)
47 GAL	Work Target	105 L 13	9	D.I.A.N.D. (1986, p. 114); This Report
48 LEN	Work Target	105 L 5	9	This Report

LEN
Noranda Exploration Co. Ltd.

Work Target
105 L 5 (48)
(62°24'N, 134°05'W)
Whitehorse M.D.

Reference: No previous reference.

Claims: LEN 1-24

Source: Summary by B. Lueck of assessment report 091779 by S.A. Mackenzie.

Description:

Mississippian or earlier andesitic greenstones and siltstones have been intruded by numerous quartz-feldspar porphyries and rhyolites. The porphyries and rhyolites are in places extensively altered to clay.

Current Work and Results:

The 1985 work program consisted of geologic mapping and reconnaissance soil, silt and pan concentrate sampling. A total of 68 soil samples, 9 silt samples, 4 pan concentrates and 13 rock sampls were taken and analyzed for Cu, Zn, Pb, Ag, As and Au. The most significant anomaly was 2,300 ppb Au from a pan concentrate sample.

*****

GAL
P. Crook

105 L 13 (47)
(62°47'N,135°33'W)

Claims 1985: GAL 37-48

MACARTHUR
Anaconda Mineral Exploration Ltd.

105 L 14 (19)
(62°80'N,135°15'W)

Claims 1985: KAL 1-292

BUM
Anaconda Mineral Exploration Ltd.

105 L 14 (41)
(62°90'N,135°30'W)

Claims 1985: BUM 1-106

GLENLYON LAKE
Noranda Exploration Co. Ltd. (N.P.L.)

105 L 8 (7)
(62°24'N,134°02'W)

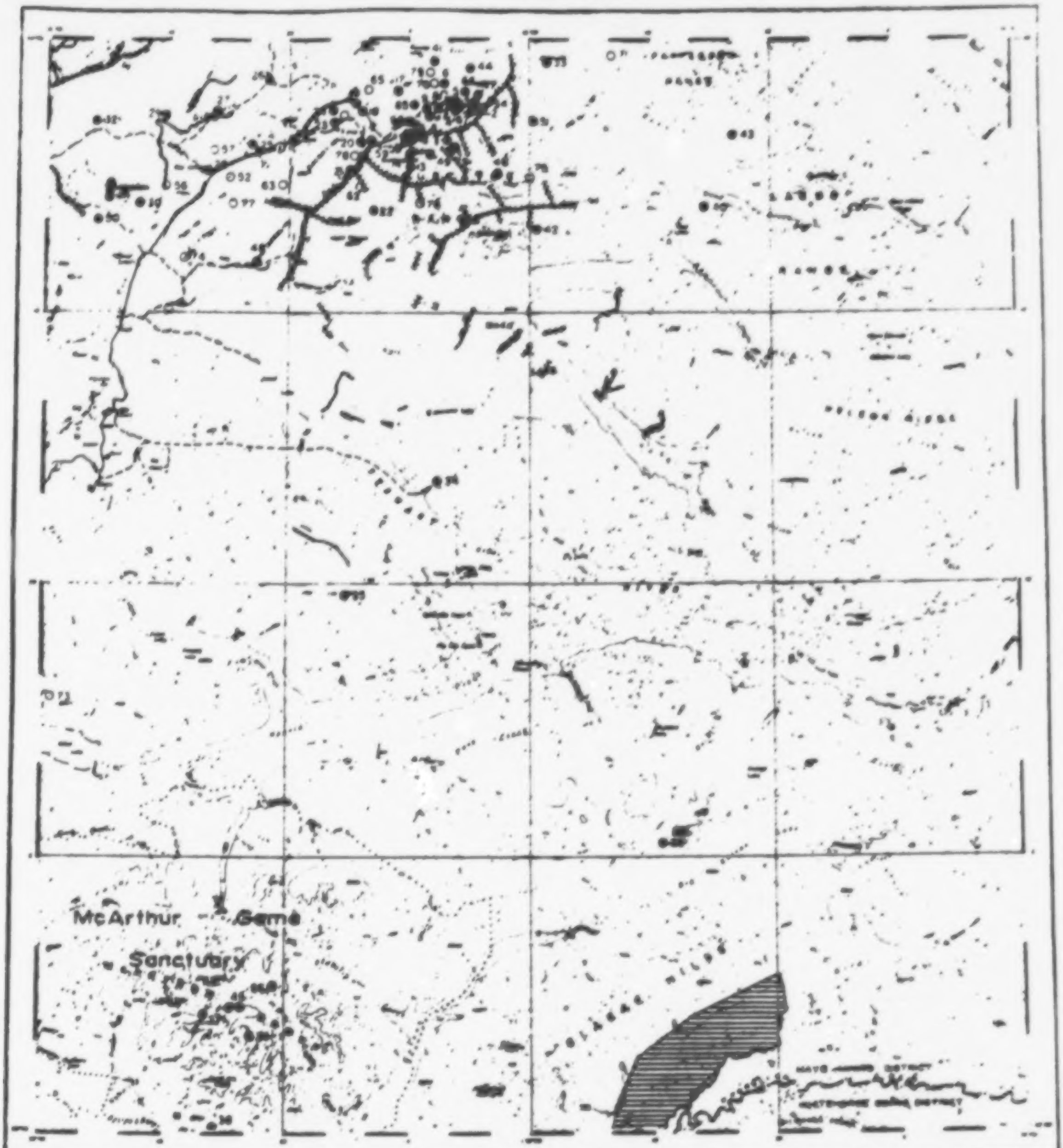
Claims 1985: LEN 1-24

*****

105 M

Preliminary Map Only

105 M PLACER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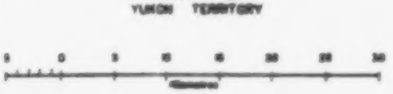
MAYO MINING DISTRICT
WHITEHORSE MINING DISTRICT

MAYO
YUKON TERRITORY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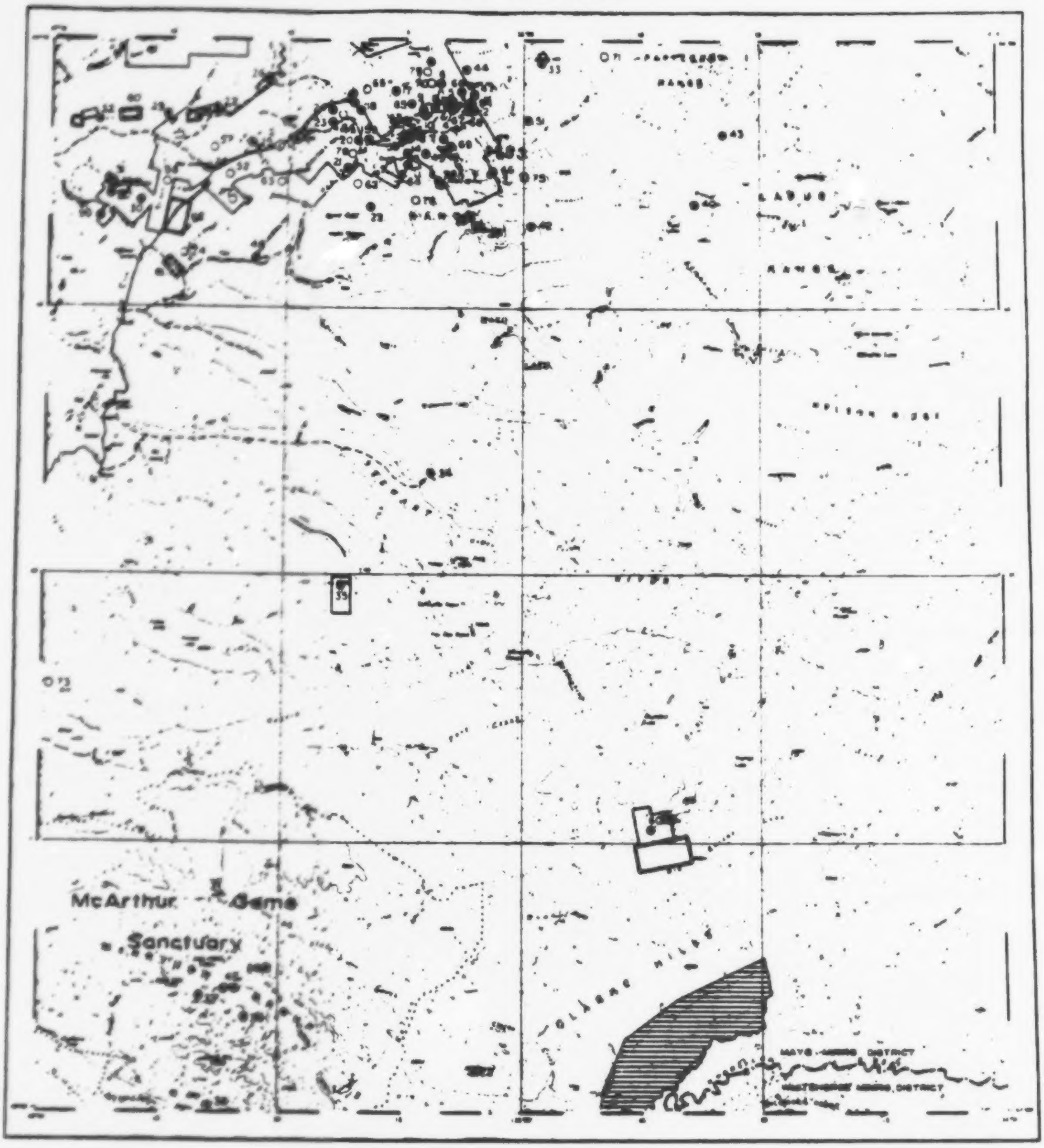
30
Kilometres

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)	●	Mineral Deposit or Occurrence see Key on facing page	—	Placer Leases in good standing (Jan. 1984)	- - - -	Tote Trail
		○	Unmineralized Target		Placer Claims in good standing (Jan. 1984)	—	Driveable Road
		☐	Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983	CEL	Coal Exploration Licence	✧	Oil or Gas Well
		☐	Mineral Claims staked in 1983	CML	Coal Mining Lease	▬	Airstrip

Preliminary Map Only

105 M QUARTZ


McArthur Game Sanctuary
Mayo Mining District
Whitehorse Mining District

MAYO
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)	●	Mineral Deposit or Occurrence see Key on facing page	━━	Placer Leases in good standing (Jan. 1984)	- - - -	Tote Trail
		○	Unmineralized Target	┿┿┿	Placer Claims in good standing (Jan. 1984)	──	Driveable Road
		▭	Mineral Claims in good standing (Jan 1984) and staked before Jan 1983	CEL	Coal Exploration Licence		Oil or Gas Well
		▭	Mineral Claims staked in 1983	CML	Coal Mining Lease	■	Airstrip

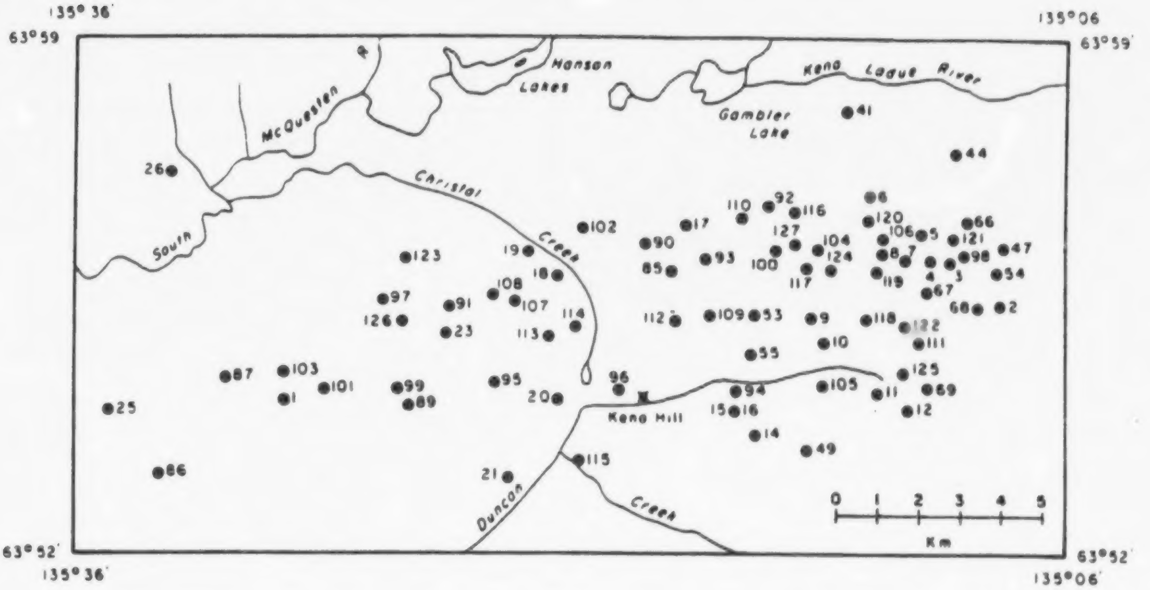

135° 36'
135°06
63°59'
63°59'
Hanson Lakes
Keno Ladue River
McQuesten R
Gambler Lake
South
Christal Creek
Duncan Creek
Keno Hill
63°52'
135° 36'
63°52'
135°06'
0 1 2 3 4 5
Km
26
41
44
110
92
116
6
120
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Figure shows generalized distribution of mines and prospects in the Keno Hill area.

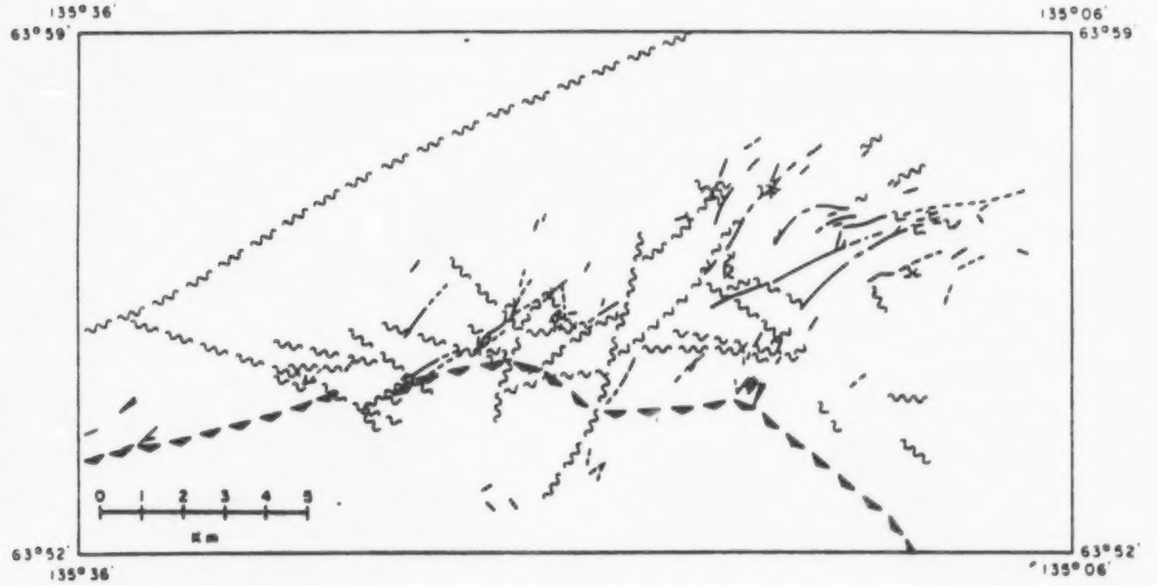
135° 36'
63°59'
135°06'
63°59'
0 1 2 3 4 5
Km
63°52'
135° 36'
63°52'
135°06'

Figure shows generalized distribution of veins (solid and dashed lines), faults (wavy lines) and thrust fault (line with teeth) in the Keno Hill area. Modified after Gleeson and Boyle (1980).

MAYO MAP-AREA (NTS 105 M)

General Reference: GSC Map 890A by: H.S. Bostock, 1947.
GSC Open File 710 by: M.P. Cecile, 1980.
Bulletin 111 by: R.W. Boyle, 1965.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	UNITED KENO HILL	Vein Ag Pb Zn	105 M 14, 13	1	This Report
2	FAITH	Vein Ag Pb	105 M 14	7	D.I.A.N.D. (1981, p. 206)
3	DUNCAN	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 56)
4	GOLD QUEEN	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 52); Green (1966, p. 18-19)
5	SILVER BASIN	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 51)
6	NABOB #2	Vein Ag Pb Zn	105 M 14	7	Boyle (1985, p. 209); D.I.A.N.D. (1985, p. 209)
7	LADUE FRACTION	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 40)
8	COMSTOCK	Vein Ag Pb Zn	105 M 14	3	Boyle (1965, p. 39, 40, 42); Green (1966, p. 15)
9	APEX	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 42-43)
10	VANGUARD	Vein Ag Pb Zn	105 M 14	4	Boyle (1965, p. 47)
11	HOMESTAKE	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 52-53); Findlay (1967, p. 22)
12	CHRISTINE	Vein Ag Pb Zn	105 M 14	7	Findlay (1969a, p. 25)
13	MO	Vein Ag Pb Zn	105 M 14	7	
14	MAYBURN	Vein Au Ag	105 M 14	7	D.I.A.N.D. (1981, p. 206)
15	HOGAN	Vein Ag Pb Zn	105 M 14	7	Boyle (1965, p. 46-47)
16	RUNER	Vein Ag Pb Zn	105 M 14	4	Boyle (1965, p. 46-47)
17	WERNECKE	Vein Ag Pb Zn	105 M 14	7	Findlay (1969a, p. 12)
18	FORMO	Vein Ag Pb Zn	105 M 14	3	D.I.A.N.D. (1982, p. 167; 1986, p. 123)
19	PADDY	Vein Ag Pb Zn	105 M 14	3	Craig and Laporte (1972, p. 14)
20	EAGLE	Vein Ag Pb Zn	105 M 14	5	D.I.A.N.D. (1981, p. 206)
21	FISHER	Work Target	105 M 14	9	D.I.A.N.D. (1981, p. 207; 1986, p. 124)
22	PARENT	Work Target	105 M 14	9	D.I.A.N.D. (1982, p. 169)
23	CREAM AND JEAN	Vein Ag Pb Zn	105 M 14	4	Boyle (1965, p. 78)
24	NORD	Vein Ag Pb Zn	105 M 14	7	Craig and Laporte (1972, p. 13-14)
25	GERLITZKI	Vein Ag Pb Zn	105 M 13	7	Green and Godwin (1963, p. 8); D.I.A.N.D. (1982, p. 165)
26	UR	Vein Ag Pb Zn	105 M 13	7	Green and Godwin (1964, p. 13); D.I.A.N.D. (1982, p. 165); D.I.A.N.D. (1985, p. 209)

27	SHANGHAI	Vein Ag Pb Zn	105 M 13	5	Findlay (1967, p 24-25); D.I.A.N.D. (1985, p. 209; 1986, p. 123)
28	WAYNE	Skarn Zn Pb, Vein W Au Ag	105 M 13	6	D.I.A.N.D. (1985, p. 202, 206)
29	ARGENT	Vein Ag Pb Zn	105 M 13	7	D.I.A.N.D. (1981, p. 211)
30	STREBCHUCK (JOUMBIRA)	Vein Ag Pb Cu Sn W	105 M 13	7	D.I.A.N.D. (1983, p. 151, 156-157)
31	MT. HALDANE	Vein Ag Pb	105 M 13	5	D.I.A.N.D. (1981, p. 207, 211)
32	LAYSIER	Vein Ag Pb Zn	105 M 13	7	This Report
33	COBALT	Vein Ag Pb Zn	105 M 15	7	Green (1971, p. 61)
34	GORDON	Vein Sb Ba Mn	105 M 11	6	Sinclair and Gi[illegible] (1975, p. 16-17); This Report
35	TWO BUTTES	Skarn W	105 M 6	7	Garrett (19[illegible]); D.I.A.N.D. (1982, p. 167)
36	SIDE SLIP	Skarn Cu	105 M 4	7	
37	PIMA	Skarn W Cu Zn	105 M 4	7	
38	HOT SPRINGS	Vein Ag Pb	105 M 4	7	
39	LOST WERNECKE COPPER	Work Target	105 M 4	9	
40	ROOP	Skarn W Cu	105 M 15	7	Little (1959, p. 36-37)
41	MOON	Vein Ag Pb	105 M 14	7	D.I.A.N.D. (1982, [illegible]9); This Report
42	MT. ALBERT	Vein Ag Pb	105 M 15	7	
43	McKIM	Vein Ag Pb	105 M 15	7	
44	NERO	Vein Ag Pb	105 M 14	7	
45	FREISEN	Skarn Cu W Mo Ag Au	105 M 4	7	
46	MT. HINTON	Vein Ag Pb Zn	105 M 14	7	This Report
47	AVENUE	Work Target	105 M 14	9	Craig and Milner (1975)
48	CHANCE	Vein Sb	105 M 13	7	
49	YONO	Vein Ag Pb	105 M 14	7	
50	SUNDANCE	Work Target	105 M 13	9	D.I.A.N.D. (1981, p. 211)
51	GUSTAVUS	Vein Ag Pb	105 M 15	7	
52	NEWRY	Work Target	105 M 13	9	
53	CHRISTAL	Vein Ag Pb	105 M 14	7	D.I.A.N.D. (1981, p. 208)
54	SEGSWORTH	Vein Ag Pb Zn	105 M 14	4	
55	IRONCLAD	Vein Ag Pb Zn	105 M 14	7	
56	SINISTER	Work Target	105 M 13	9	D.I.A.N.D. (1981, p. 208); D.I.A.N.D. (1983, p. 151, 158)
57	ZAP	Vein Ag Pb Zn	105 M 13	7	D.I.A.N.D. (1982, p. 168)
58	W	Work Target	105 M 14	9	D.I.A.N.D. (1981, p. 209)
59	AZTEC	Work Target	105 M 14	9	
60	KALZAS (FLO)	Vein W	105 M 7	7	D.I.A.N.D. (1985, p. 208; 1986, p. 123)
61	WEASEL	Work Target	105 M 13	9	D.I.A.N.D. (1981, p. 211)
62	FEEBLE	Work Target	105 M 14	9	D.I.A.N.D. (1981, p. 211)
63	CLEAVES	Work Target	105 M 13	9	D.I.A.N.D. (1981, p. 211)
64	ROSS	Work Target	105 M 14	9	D.I.A.N.D. (1981, p. 211); D.I.A.N.D. (1982, p. 169)
65	GAMBLER	Work Target	105 M 14	9	D.I.A.N.D. (1981, p. 209)
66	BE NO. 1	Vein Ag Pb Zn	105 M 14	7	D.I.A.N.D. (1982, p. 168)
67	BE NO. 2	Vein Ag Pb Zn	105 M 14	7	D.I.A.N.D. (1982, p. 168)

68 BE NO. 3	Vein Ag Pb Zn	105 M 14	7	D.I.A.N.D. (1983, p. 151, 157)
69 BE NO. 4	Vein Ag Pb Zn	105 M 14	7	D.I.A.N.D. (1983, p. 151, 157)
70 DIAMOND	Vein Ag Pb Zn	105 M 14	7	D.I.A.N.D. (1981, p. 210; 1986, p. 124)
71 HEART	Work Target	105 M 15	9	Morin *et al* (1980, p. 8)
72 DOPE	Work Target	105 M 3	9	D.I.A.N.D. (1982, p. 168); D.I.A.N.D. (1983, p. 151, 157)
73 DRILL	Work Target	105 M 5	9	D.I.A.N.D. (1982, p. 169); D.I.A.N.D. (1983, p. 151, 157)
74 SWIFT BANANAS	Work Target	105 M 13	9	D.I.A.N.D. (1982, p. 169)
75 TUF	Work Target	105 M 15, 14	9	D.I.A.N.D. (1982, p. 169)
76 LEETEE	Work Target	105 M 14	9	D.I.A.N.D. (1982, p. 169)
77 ISABEL	Work Target	105 M 13	9	D.I.A.N.D. (1982, p. 169); D.I.A.N.D. (1983, p. 51, 158)
78 GOLDEN DUKE	Work Target	105 M 14	9	D.I.A.N.D. (1983, p. 151, 158)
79 ORE	Work Target	105 M 14	9	D.I.A.N.D. (1983, p. 151, 158; 1986, p. 124)
80 ARGENT	Work Target	105 M 13	9	D.I.A.N.D. (1985, p. 209; 1986, p. 123)
81 NO CREEK	Work Target	105 M 13	9	D.I.A.N.D. (1985, p. 209)
82 MAG	Work Target	105 M 13	9	D.I.A.N.D. (1986, p. 122)
83 HIKE	Work Target	105 M 14	9	D.I.A.N.D. (1985, p. 209)
84 SWENSON LEASES	Work Target	105 M 14	9	D.I.A.N.D. (1985, p. 208)
85 SADIE-LADUE	Vein Ag Pb	105 M 14	1	D.I.A.N.D. (1985, p. 208-209)
86 SILVER KING	Vein Ag Pb (Zn)	105 M 13	4	Nat. Min. Inv., 105 M 13, AG 1
87 HUSKY	Vein Ag Pb	105 M 13	1	Nat. Min. Inv., 105 M 13, AG 7
88 REX	Vein Au Ag Pb Sb (Zn)	105 M 13	5	Nat. Min. Inv., 105 M 13, AG 4
89 RUBY FRACTION	Vein Ag Pb	105 M 14	1	Nat. Min. Inv., 105 M 14, AG 7
90 KLONDYKE-KENO (BLUE ROCK)	Vein Ag Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 8
91 TOWNSITE	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 18
92 HIGHLANDER, CUB & BUNNY	Vein Ag Pb (Zn)	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 13
93 BLACK CAP & SHEPPARD	Vein Ag Pb	105 M 14	4	Nqt. Min. Inv., 105 M 14, AG 15
94 BELLEKENO	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 16
95 HECTOR-CALUMET	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 19
96 MOTH	Vein Ag Zn Pb	105 M 14	2	Nat. Min. Inv., 105 M 14, AG 20
97 NO CASH	Vein Ag Pb Zn	105 M 14	3	Nat. Min. Inv., 105 M 14, AG 21
98 CARIBOU	Vein Ag Pb	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 24
99 BERMINGHAM (ARCTIC & MASTIFF)	Vein Ag Pb	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 25
100 SHAMROCK	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 26
101 DIXIE	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 29
102 GAMBLER	Vein Ag Pb	104 M 14	4	Nat. Min. Inv., 105 M 14, AG 30
103 ELSA	Vein Ag Pb (Zn)	105 M 14	3	Nat. Min. Inv., 105 M 14, AG 32
104 KENO	Vein Ag Pb (Zn)	105 M 14	3	Nat. Min. Inv., 105 M 14, AG 31
105 ONEK	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 33
106 LUCKY QUEEN	Vein Ag Pb (Zn)	105 M 14	3	Nat. Min. Inv., 105 M 14, AG 34
107 GALKENO	Vein Ag Pb	105 M 14	3	Nat. Min. Inv., 105 M 14, AG 38
108 DRAGON	Vein Ag Pb Zn	105 M 14	5	Nat. Min. Inv., 105 M 14, AG 40
109 CROESUS	Vein Ag Pb	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 42
110 LAKE	Vein Ag Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 44

111	DEVON	Vein Pb	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 28
112	KIJO	Vein Pb	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 45
113	BLUEBIRD	Vein Pb	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 46
114	TIN CAN	Vein Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 47
115	DUNCAN CREEK	Vein Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 48
116	STONE	Vein Ag (Pb Zn)	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 50
117	NO. 1 VEIN FAULT	Vein Ag Pb Zn	105 M 14	4	Nat. Min. Inv., 105 M 14, AG 51
118	HELEN FRACTION	Vein Ag Pb (Sb)	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 53
119	GOLD HILL NO. 2	Vein Ag (Pb Zn)	105 M 14	7	Nat. Min. Inv., 105 M 15, AG 54
120	FOX	Vein Ag Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 55
121	ALICE	Vein Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 57
122	DIVIDE	Vein Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 58
123	OK	Vein Ag Pb	105 M 14	7	Nat. Min. Inv., 105 M 14, AG 62
124	PORCUPINE	Vein Ag	105 M 14	2	
125	RUNNER	Vein Ag	105 M 14	4	
126	BETTY	Vein Ag Pb Zn	105 M 14	7	Nat. Min. Inv., 105 M 14m AG 9
127	CRO-MUR (GAMBLER)	Vein Ag Pb	105 M 14	5	Nat. Min. Inv., 105 M 14, AG 37
128	WHITEMAN	Work Target	105 M 5	9	D.I.A.N.D. (1986, p. 123)
129	GEM	Work Target	105 M 5	9	D.I.A.N.D. (1986, p. 123)
130	BIRGIT	Work Target	105 M 10	9	D.I.A.N.D. (1986, p. 123)
131	SEC	Work Target	105 M 14	9	D.I.A.N.D. (1986, p. 124)
132	MAUREEN	Work Target	104 M 14	9	D.I.A.N.D. (1986, p. 124)
133	MAC	Work Target	105 M 14	9	This Report

UNITED KENO HILL
(ELSA, HUSKY, HUSKY SW, RUBY FRACTION,
NO CASH, KENO, PORCUPINE, COMSTOCK,
HECTOR-CALUMET)
United Keno Hill
Mines Limited

Silver, Lead, Zinc
Veins
105 M 13, 14
(1, 103, 87, 97,
104, 124, 8, 95)
(63°53' - 63°58'N,
135°04' - 135°35'W)

Reference: D.I.A.N.D. (1985, p. 206-208).

Claims: (764 - total claims)

Source: United Keno Hill Mines Ltd. Annual Report, 1985.

Summary of Operations:

ORE RESERVES

Proven and Probable at December 31, 1985.

ELSA AREA:

	1985			1984		
	Tons	Silver oz/ton	Lead	Tons	Silver oz/ton	Lead
Underground Ore Reserves						
Proven	23,200	33.7	6.3	28,600	32.6	5.7
Probable	61,200	33.2	4.7	66,500	28.6	4.5
Stockpiled	1,100	28.4	3.1	1,700	24.4	2.2
Sub-Total	85,500	33.3	5.1	96,800	29.7	4.8
Open Pit Reserves						
Probable	86,300	17.8	1.5	105,500	17.3	1.7
Stockpiled	11,100	15.8	2.1	32,500	16.2	2.3
Sub-Total	97,400	17.6	1.6	138,000	17.0	1.8
Total Ore Reserves	182,900	24.9	3.2	234,800	22.3	3.1

Current Individual Mine Reserves:

	TONS	OZ/TON
Elsa	19,600	42.7
Husky	12,300	39.4
Husky SW	2,500	79.6
Ruby	-	-
No Cash, Keno, Porcupine, Comstock	50,500	25.8
Calumet	20,400	21.5

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COMPARATIVE STATEMENT OF PRODUCTION BY YEARS

	Production				
Fiscal Year	Ore Milled Tons	Silver Oz.	Lead Lbs.	Zinc Lbs.	Cadmium Lbs.
Total for Years					
1947 to 1969.......	3,002,515	108,831,203	397,618,532	308,934,611	3,902,230
Dec. 31, 1970......	93,215	2,601,960	6,583,352	7,467,164	98,687
Dec. 31, 1971......	94,754	2,919,693	8,220,513	6,533,208	84,832
Dec. 31, 1972......	80,646	2,503,921	6,108,042	3,307,178	46,731
Dec. 31, 1973......	94,819	3,134,828	7,262,400	1,345,062	17,944
Dec. 31, 1974......	93,232	3,237,205	6,734,719	545,357	7,330
Dec. 31, 1975......	90,860	2,917,920	6,407,368	620,763	8,758
Dec. 31, 1976......	75,515	2,369,770	4,909,101	621,945	8,394
Dec. 31, 1977......	91,486	2,784,098	5,911,083	450,904	6,135
Dec. 31, 1978......	90,082	2,737,755	7,521,014	17,993	211
Dec. 31, 1979......	124,322	2,481,356	5,620,065	-	-
Dec. 31, 1980......	87,784	1,664,386	3,296,052	-	-
Dec. 31, 1981......	66,924	1,158,083	2,243,228	-	-
Dec. 31, 1982......	55,491	1,198,734	2,084,836	-	-
Dec. 31, 1983......	32,628	635,005	1,073,860	-	-
Dec. 31, 1984......	72,409	1,233,443	2,333,405	-	-
Dec. 31, 1985......	74,609	1,272,696	2,150,505	-	-
TOTAL......	$4,321,291	$143,682,056	$476,078,375	$329,844,185	$4,181,252

	1985	1984
Revenue from metal shipments:		
Silver..	$ 10,664	$ 12,639
Lead..	524	722
Other...	172	205
	11,360	13,566
Less smelter charges, freight and marketing expenses.....................	3,184	3,421
Net revenue from metal shipments...	8,176	10,145

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LAYSIER
Mosaic Resources Ltd.

Ag, Pb, Zn
Vein
105 M 13 (32)
(63°55'N, 135°57'W)
Mayo M.D.

Reference: D.I.A.N.D. (1985, p.202; 1981, p.211)

Claims: LAZIER 1-16

Source: Summary by D.S. Emond from assessment report 091628 by D.G. Allen and D.R. MacQuarrie (A&M Exploration Ltd.).

History:

The property was originally staked in 1963 as the LAYSIER claims by C. Poli who did some hand and bulldozer trenching in 1964 over an east-northeast trending break visible on airphotos.

Description:

Geologic mapping by Tempelman-Kluit (1963 unpublished map for Silver Titan Mines) outlined an east-trending band of quartzite containing lenses of schist and greenstone cut by several north to northeast trending faults and by a small biotite porphyry dyke in the south. Two or more quartz-rich vein faults occur in suboutcrop, containing galena and sphalerite and may be related to northeast trending faults and north trending rusty fractures in outcrop.

Current Work and Results:

In 1984, preliminary exploration on the LAZIER 1-10 claims consisted of 7.7 km of grid preparation, 1.2 km of I.P. surveys, 4.0 km of VLF-EM surveys, and a total of 168 soil and 5 rock samples were collected at 12 to 25 m intervals on lines spaced at 500 m for geochemical analysis. Samples were analyzed for molybdenum, copper, silver, lead, zinc, gold and arsenic.

Anomalous zinc (150-310 ppm) and lead (30-134 ppm) soil values occur in two main areas: 1) over a 70 m length, near the known test pits and shafts, and 2) over a 150 m length, 1 km to the west of the pits and shafts. Weakly to moderately anomalous gold (up to 30 ppb) and silver (up to 1.4 ppm) are associated with the lead-zinc anomalies. A broad zone of arsenic values greater than 40 ppm trends east-northeasterly across the grid area. Rock samples in the area of the pits and shafts revealed up to 5600 ppm Pb, 1770 ppm Zn and 9.2 ppm Ag.

Two anomalous areas were outline by the I.P. survey as subparallel and linear zones. The areas of these highs are underlain by schist and the source lies within 12.5 m of surface. Each I.P. anomaly has an associated linear resistivity "low", the northernmost is very low with values from 4 to 75 ohm metres. Two good, VLF-EM conductors were located by the survey. Both zones are linear trending 050°and 066°respectively and are outlined by dip angle cross overs and field strength highs. These conductors are approximately coincident with the apparent resistivity lows and the I.P. anomalies.

The geophysical data suggests that the schist unit is bounded, both to the north and the south by a semicontinuous, conductive shear zone that probably contains pyrite and or graphite and may also contain lead, zinc, and silver mineralization.

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MT. HINTON	Au, Ag, Pb, Zn,
United Keno Hill Mines Ltd.	Vein
	105 M 14 (46)
	(63°52'N, 135°08'W)
	Mayo M.D.

Reference: Findlay (1969a, p.23).

Claims: T 54-56, 174-175Fr, 176, 177Fr, 178-186, 188, 190, 193Fr, 195Fr, 196, 197Fr, 198, 225-227Fr, 227A-229Fr, 230-236; TV 1-18, 27-50, 57-92

Source: Summary by D.S. Emond from assessment report 091633 by D.J. Ouellette.

History:

Claims were first staked in the Mount Hinton area in the early 1920's, probably over potential silver showings.

Interest was renewed in 1940 when Charles Brefalt and Theodore Erickson staked claims on the cirque wall of McNeill Gulch where they found up to 34.3 g/t Au (1.07 oz/ton). In 1941, they performed 36.6 m of drifting and excavated several open cuts and this type of work continued through the mid-1940's.

A GSC stream sediment survey was released in 1964 and prompted the staking of lead-silver anomalous areas by U.K.H.M. Several more surface showings were found. Further staking occurred in 1966 after another release of information (a lead compilation map) and after geochemical and geological surveys were carried out. That year the '5' Vein was discovered on the dip slope of Mt. Hinton. In total, fifteen veins had been discovered by the end of the season, six of which had significant mineralization. An option of the ground at the head of McNeill Gulch was arranged with Mrs. Erickson, who had inherited the claims from her husband. Mapping, trenching and detailed sampling was performed in 1967 by U.K.H.M. In 1968, further prospecting and vein evaluation, along with more geological mapping caused the discovery of 15 new veins, bringing the total to 37, most of which are on the McNeill Gulch cirque face. Hand trenches and a shaft were also excavated. More trenching was carried out on '5' Vein with a bulldozer in 1971.

A staking program was initiated in 1979 to cover ground which had come open. More work on '5' Vein was done in 1980 in the form of air track drilling totalling 1780 m in 74 holes. Twenty-four of the holes intersected weakly mineralized vein material and the highest assay was 192.7 g/t Ag (6.02 oz/ton). Drill results indicate several subparallel vein structures within a 21.3 m wide zone, continuing for 550 m along strike.

Description:

Rocks in the area consist of intercalated quartzites, graphite and sericite schists, and greenstone of probable Precambrian to early Paleozoic age which lie on the eastern limb of an anticline.

The veins are mostly northeast-trending and consist of fractured bull quartz with the following minerals in order of occurrence: scorodite, arsenopyrite, galena, jamesonite, limonite, anglesite, pyrite, sphalerite, siderite and gold. The veins have lengths of less than 30 m to greater than 600 m.

The ore shoots are structurally controlled and sulphide-rich with assays up to 691.2 g/t Au (20.16 oz/ton) and 8961.8 g/t Ag (261.4 oz/ton). They occur mainly at greenstone-quartzite contacts and under bedding faults marked by graphite schist.

Mineralogy of the veins indicates some zonation. Base metals appear to be more abundant at lower elevations. The approximate Au:Ag ratio of the veins is 1:58 based on 270 analyses of samples collected between 1967-1984. The Ag:Pb ratio is 2.9:1, based on 249 assays.

Current Work and Results:

In 1984, exploratory adits were used to determine the characteristics of ore shoots. Four adits were planned on the '19', '5', '24' and '21' veins. A total of 49.5 m of drifting and 48.6 m of crosscutting was done on the '19' vein and test holes drilled totalled 40.8 m. Sampling of the adit included chip samples on 1.5 m spacings of wallrock, 0.6 m spacings in areas near veins and quartz stringers, vein width channel samples, and various grab samples. In all 115 chip and test hole samples were analyzed for lead, zinc, gold and silver.

Assay results were discouraging with no significant gold or silver values (greater than .7 g/t Au (0.02 oz/ton) greater than 100.0 g/t Ag) (2.9 oz/ton) in either the veins, wallrock, or test holes. However, 3.01% Pb was found in one of the test holes.

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GORDON 105 M 11 (34)
P. Van Bibber (63°35'N,135°12'W)

Claims 1985: FOX 1-4

MAC 105 M 14 (133)
R. Keep (64°05'N,135°05'W)

Claims 1985: MAC 1-2

MOON 105 M 14 (41)
R. Keep (64°58'N,135°13'W)

Claims 1985: AXE 1-6

MT. HINTON 105 M 14 (46)
R.L. Schmittel (63°53'N,135°02'W)

Claims 1985: KAC 1-4; DANA 1-4

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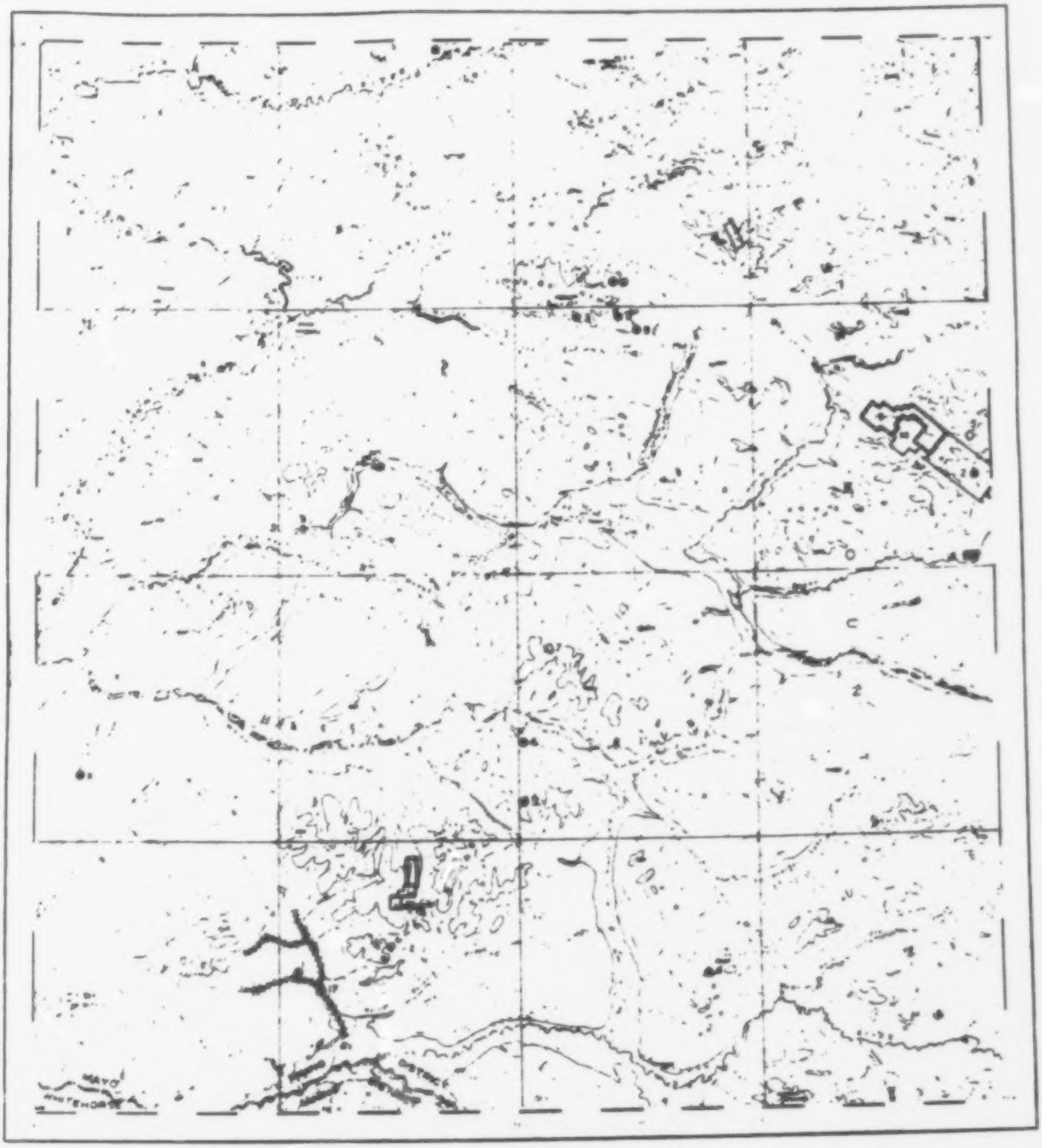
105 N

Preliminary Map Only

105 N



LANSING
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
●	Mineral Deposit or Occurrence see Key on facing page
○	Unmineralized Target
▭	Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983
▭	Mineral Claims staked in 1983
—	Placer Leases in good standing (Jan. 1984)
⦀	Placer Claims in good standing (Jan. 1984)
CEL	Coal Exploration Licence
CML	Coal Mining Lease
- - - -	Tote Trail
—	Driveable Road
✧	Oil or Gas Well
▬	Airstrip

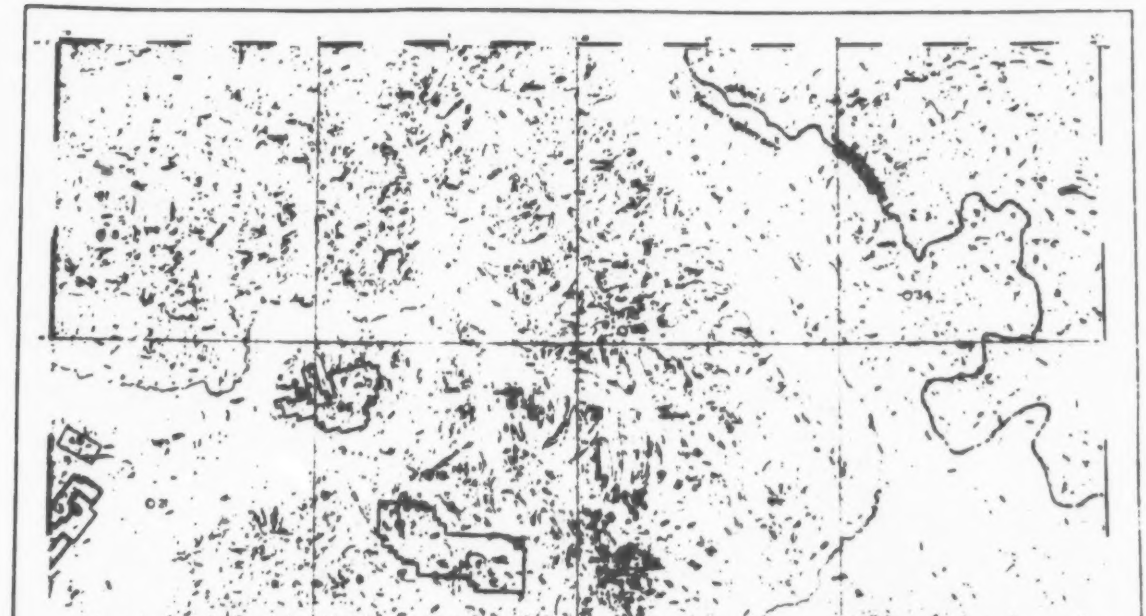
LANSING MAP-AREA (NTS 105 N)

General Reference: GSC Open File 205 by: S.L. Blusson, 1974.
GSC Open File 710 by: M.P. Cecile, 1980.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	ARMSTRONG	Skarn W Cu	105 N 3	7	Mulligan (1975, p. 74)
2	PLATA	Vein Ag Pb Zn	105 N 9	5	D.I.A.N.D. (1985, p. 211)
3	JOY	Vein, Replacment Cu	105 N 10	7	
4	GOLF	Skarn Cu	105 N 2	7	
5	ETZEL	Vein Cu	105 N 7	7	
6	BRODELL	Vein Cu	105 N 7	7	
7	PEBBLE	Vein, Replacement Pb	105 N 7	7	
8	DEAN	Vein Pb	105 N 10	7	
9	AUREOLE	Vein Cu	105 N 10	7	
10	BLOOM	Vein Cu Mo Pb Co	105 N 15	7	
11	PLEASANT	Skarn Cu W Ag	105 N 5	7	
12	TONGUE	Skarn W Cu Sn	105 N 3	7	D.I.A.N.D. (1985, p. 211)
13	KIDD	Stratabound Discordant Zn	105 N 15	7	Morin et al (1977, p. 119)
14	FLATASA	Work Target	105 N 9	9	D.I.A.N.D. (1982, 171) D.I.A.N.D. (1985, p. 211)
15	SPIS	Work Target	105 N 9	9	D.I.A.N.D. (1981, p. 213)
16	ANDREA	Stratabound Concordant Ba	105 N 15	7	D.I.A.N.D. (1982, p. 171)
17	RAM	Work Target	105 N 3	9	D.I.A.N.D. (1983, 161)
18	STRIP	Work Target	105 N 9	9	D.I.A.N.D. (1985, p. 212)
19	ROGUE	Work Target	105 N 9	9	D.I.A.N.D. (1985, p. 211)

Preliminary Map Only

105 O



NIDDERY LAKE

YUKON TERRITORY - NORTHWEST TERRITORIES

5 0 5 10 15 20 25 30

Kilometres

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

● Mineral Deposit or Occurrence see Key on facing page

○ Unmineralized Target

Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983

Mineral Claims staked in 1983

Placer Leases in good standing (Jan. 1984)

Placer Claims in good standing (Jan. 1984)

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Driveable Road

Oil or Gas Well

Airstrip

NIDDERY LAKE MAP-AREA (NTS 105 O)

General Reference: GSC Open File 205 by: S.L. Blusson, 1974.
GSC Open File 765 by: M.P. Cecile, 1981.
GSC Open File 807 by: S.P. Gordey, 1981.
Open File, Macmillan Pass area by: G. Abbott, 1983.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	TOM	Stratabound Concordant Ag Pb Zn	105 O 1	2	This Report
2	MACTUNG	Skarn W Cu	105 O 8	2	Morin et al (1977, p. 20-22); Atkinson and Baker (1985)
3	JEFF	Work Target	105 O 1	9	Garrett (1971, p. 73)
4	ALP	Vein Au Ag	105 O 1	7	D.I.A.N.D. (1983, p. 163, 168)
5	SCOT	Work Target	105 O 6	9	Craig and Milner (1975, p. 18)
6	KEELE	Work Target	105 O 8	9	Garrett (1971, p. 73)
7	EMERALD	Porphyry Cu Mo	105 O 11	7	D.I.A.N.D. (1985, 216)
8	HORN	Vein Cu	105 O 12	7	Craig and Milner (1975, p. 17)
9	BEN	Stratabound Concordant Zn	105 O 1	7	
10	ARROWHEAD	Vein Cu	105 O 11	7	
11	MOOSE	Stratabound Concordant Ba	105 O 1	2	Sinclair et al (1975, p. 21-22); Morin et al (1979, p. 31)
12	HESS	Stratabound Concordant Ba (Pb Zn Ag)	105 O 7	7	D.I.A.N.D. (1985, p. 216-217)
13	INCA	Vein Ag Pb Zn	105 O 12	5	Sinclair et al (1975, p. 18); D.I.A.N.D. (1985, p. 220)
14	STANDARD	Vein, Replacement Pb Zn Ag	105 O 1	7	
15	ODD	Stratabound Concordant Pb Zn	105 O 13	6	
16	JASON	Stratabound Concordant Pb Zn Ag Ba	105 O 1	6	This Report
17	BROCK (TEA)	Stratabound Concordant Ba	105 O 2	7	
18	WALT	Stratabound Concordant Ba	105 O 7, 8	2	D.I.A.N.D. (1981, p. 216)
19	TRYALA	Stratabound Concordant Ba	105 O 7	7	D.I.A.N.D. (1983, p. 169; 1986, p. 141)
20	NIDD	Vein, Replacement Zn Pb Ag	105 O 1, 2	7	D.I.A.N.D. (1986, p. 133)
21	BOBNOB	Work Target	105 O 12	9	D.I.A.N.D. (1981, p. 217)
22	BORD	Vein Au Ag	105 O 8	7	D.I.A.N.D. (1985, p. 217)
23	BEAUCHAMP	Vein Mo	105 O 11	7	D.I.A.N.D. (1981, p. 217)
24	NEVE	Vein As Sb Au Ag	105 O 7	7	This Report
25	KEN	Skarn W Cu	105 O 8	7	Sinclair et al (1976, p. 30)
26	PETE	Stratabound Concordant Ba Pb Zn	105 O 1	7	Morin et al (1979, p. 94)
27	MOONLIGHT	Work Target	105 O 1	9	Morin et al (1979, p. 32)

28	ESS	Work Target	105 0 1	9	Morin *et al* (1979, p. 32)
29	FETCH	Work Target	105 0 1	9	D.I.A.N.D. (1985, p. 218)
30	CREE	Work Target	105 0 1	9	Morin *et al* (1979, p. 33)
31	ARGO	Work Target	105 0 1	9	Morin *et al* (1980, p. 9)
32	MV	Work Target	105 0 1	9	Morin *et al* (1980, p. 10)
33	MAC	Work Target	105 0 5	9	D.I.A.N.D. (1983, p. 165)
34	DUO	Stratabound Concordant Ba	105 0 16	6	D.I.A.N.D. (1982, p. 178)
35	FOG	Work Target	105 0 16	9	D.I.A.N.D. (1982, p. 177)
36	OLD CABIN	Vein Au Cu Pb	105 0 1	7	D.I.A.N.D. (1983, p. 165, 169)
37	FUN	Vein Au Mo, Skarn W	105 0 1	7	D.I.A.N.D. (1985, p. 218)
38	FAN	Work Target	105 0 1	9	D.I.A.N.D. (1983, p. 166)
39	SIM	Work Target	105 0 2	9	D.I.A.N.D. (1982, p. 176, 177); D.I.A.N.D. (1983, p. 166)
40	SUN	Work Target	105 0 3	9	D.I.A.N.D. (1983, p. 166)
41	EMERA	Work Target	105 0 5	9	D.I.A.N.D. (1982, p. 176, 177)
42	EMMY	Vein Ag Au Pb	105 0 6	7	D.I.A.N.D. (1983, p. 166-167)
43	FAL	Work Target	105 0 7	9	D.I.A.N.D. (1982, p. 177); D.I.A.N.D. (1983, p. 167)
44	BAR	Stratabound Concordant Ba	105 0 7	7	D.I.A.N.D. (1983, p. 167)
45	URSA	Work Target	105 0 15	9	D.I.A.N.D. (1982, p. 177)
46	ETZEL	Vein Pb Zn Sb	105 0 12	7	D.I.A.N.D. (1983, p. 167-168)
47	ANDY	Stratabound Concordant Ba	105 0 6	7	D.I.A.N.D. (1982, p. 17)
48	NUT	Skarn, Vein W Cu Pb Zn Au Ag	105 0 7	7	D.I.A.N.D. (1986, p. 141)
49	SMOKEY	Work Target	105 0 7	9	D.I.A.N.D. (1983, p. 169)
50	BBOB	Work Target	105 0 8	9	D.I.A.N.D. (1983, p. 168-169)
51	J.K.	Stratabound Concordant Ba	105 0 1	7	D.I.A.N.D. (1986, p. 131)
52	NUKE	Work Target	105 0 2	9	D.I.A.N.D. (1986, p. 134)
53	DALL	Work Target	105 0 3	9	D.I.A.N.D. (1986, p. 136)
54	LEAF	Work Target	105 0 6	9	D.I.A.N.D. (1986, p. 138)

TOM

Hudson Bay Exploration and
Development Co. Ltd.

Pb, Zn, Ag
Stratabound Concordant
105 O 1 (1)
(63°08'N, 130°06'W)
Watson Lake M.D.

Reference: D.I.A.N.D. (1985, p.216); McClay and Bidwell (1985)

Claims: TOM 147-183

Source: Summary by B. Lueck of assessment report 091663 by G. Bidwell.

History:

Geochemical soil and magnetometer surveys were conductd on the claims in 1981. Trenching was done in 1983 over anomalous zones in hopes of encountering stratiform Ba, Pb, Zn, Ag mineralization in argillic rocks.

Current Work and Results:

Two previous trenches were deepened and 30 samples taken and assayed for silver, lead, zinc and barium. The results showed no significant anomalies.

*****

TOM,JASON

Aberford Resources Ltd.
Hudson Bay Mining and Smelting Co. Ltd.

Pb, Zn, Ag, Ba
Stratabound Concordant
105 O 1 (1,16)
(63°10'N, 130°5'W)
Watson Lake M.D.
Mayo M.D.

Reference: D.I.A.N.D. (1985, p.216); McLay and Bidwell (1985); Bailes, Blackadar and Smee (1985).

Claims: Jason, Ace, Mike, Tom

Source: Summary by B. Lueck of assessment reports 091790 and 091791 by Glenn Brown and Bechtel Canada Engineers Ltd.

Current Work and Results:

An environmental impact study and a mini feasability study have been completed and documented.

The environmental study focused on the occurrence of GALIUM TRIFOLIUM and OSMORHIZA DEPAUPERATA, which are two small plants which do not usually occur so far north. They are, however, not uncommon plants. As well, a water quality study was done in order to have baseline data on the watercourses before mining commences.

The mine feasibility study estimates and evaluates projected costs, ore reserves, geology and mine development proceedures.

*****

NEVE
Agip Canada Ltd.

As, Sb, Au, Ag
Vein
105 O 7 (24)
(63°20'N, 130°57'W)
Mayo M.D.

Reference: D.I.A.N.D. (1986, p.140,141).

Claims: BRICK 1-40; NEVE 1-35

Source: Summary by B. Lueck of assessment report 091770 by M.J. Aupperle.

Current Work and Results:

Diamond drilling in 1985 followed up earlier trenching and geochemical surveys done in 1983. Two large zones of low grade gold-silver mineralization occur within steeply dipping faults in altered shales. Clay alteration, silicification, sericitization, bleaching and graphite remobilization are common alteration types within the fault zones. The main fault zone contains 0.311 g/t Au with 2.59 g/t Ag over 30.5 m. The Boundary fault zone contains 6 intersections between 0.7 and 9.7 m wide containing up to 0.944 g/t Au with 9.34 g/t Ag. A disseminated-type gold deposit model is currently being applied to this prospect.

*****

TRYALA
J. Moreau

105 O 7 (19)
(63°17'N,130°37'W)

Claims 1985: GEVI 1-4

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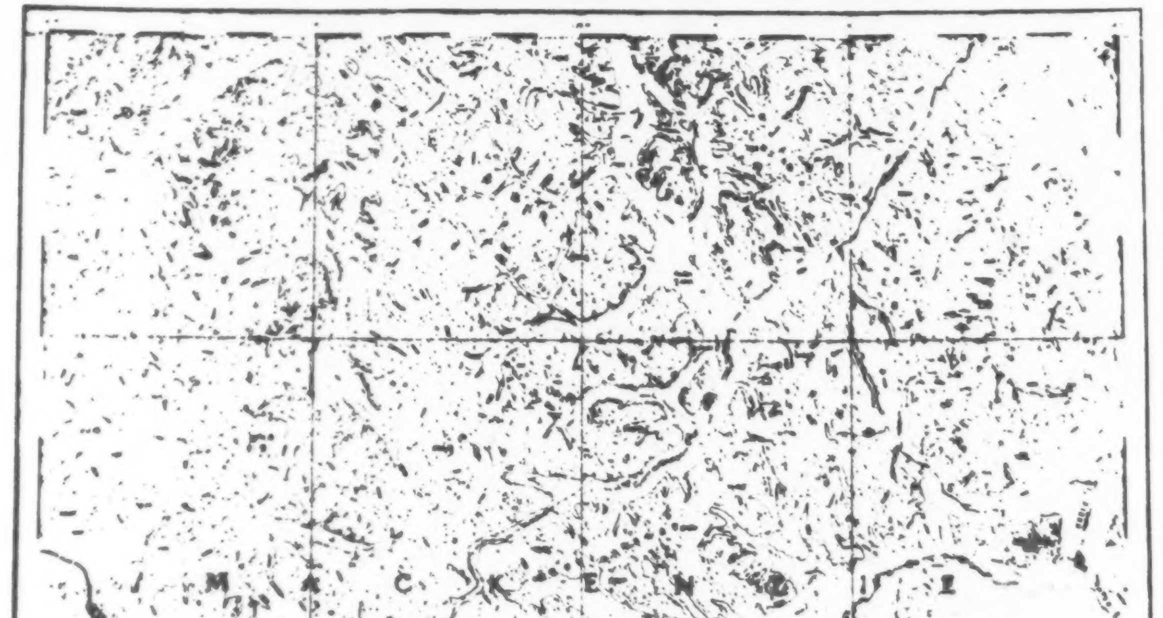
Preliminary Map Only

105 P



SEKWI MOUNTAIN

YUKON TERRITORY - NORTHWEST TERRITORIES

5
0
5
10
15
20
25
30
Kilometres

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)	●	Mineral Deposit or Occurrence see Key on facing page	———	Placer Leases in good standing (Jan. 1984)	- - - -	Tote Trail
		○	Unmineralized Target	▬▬▬	Placer Claims in good standing (Jan. 1984)		[illegible]
		▭	Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983	CEL	Coal Exploration Licence		[illegible]
		▭	Mineral Claims staked in 1983	CML	Coal Mining Lease	▬	Airstrip

SEKWI MOUNTAIN MAP-AREA (NTS 105 P)

General Reference: GSC Paper 71-22 by: S.L. Blusson, 1971.
GSC Open File 710 by: M.P. Cecile, 1980.
GSC Open File 807 by: S.P. Gordey, 1981.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	MEHITABEL	Skarn Cu W Mo	105 P 5	7	
2	NUM	Work Target	105 P 5	9	D.I.A.N.D. (1986, p. 43) This Report

NUM 105 P 5 (2)
Amax Northwest Mining Co. Ltd. ($63^{o}25$'N,$129^{o}85$'W)

Claims 1985: NUM 6-11

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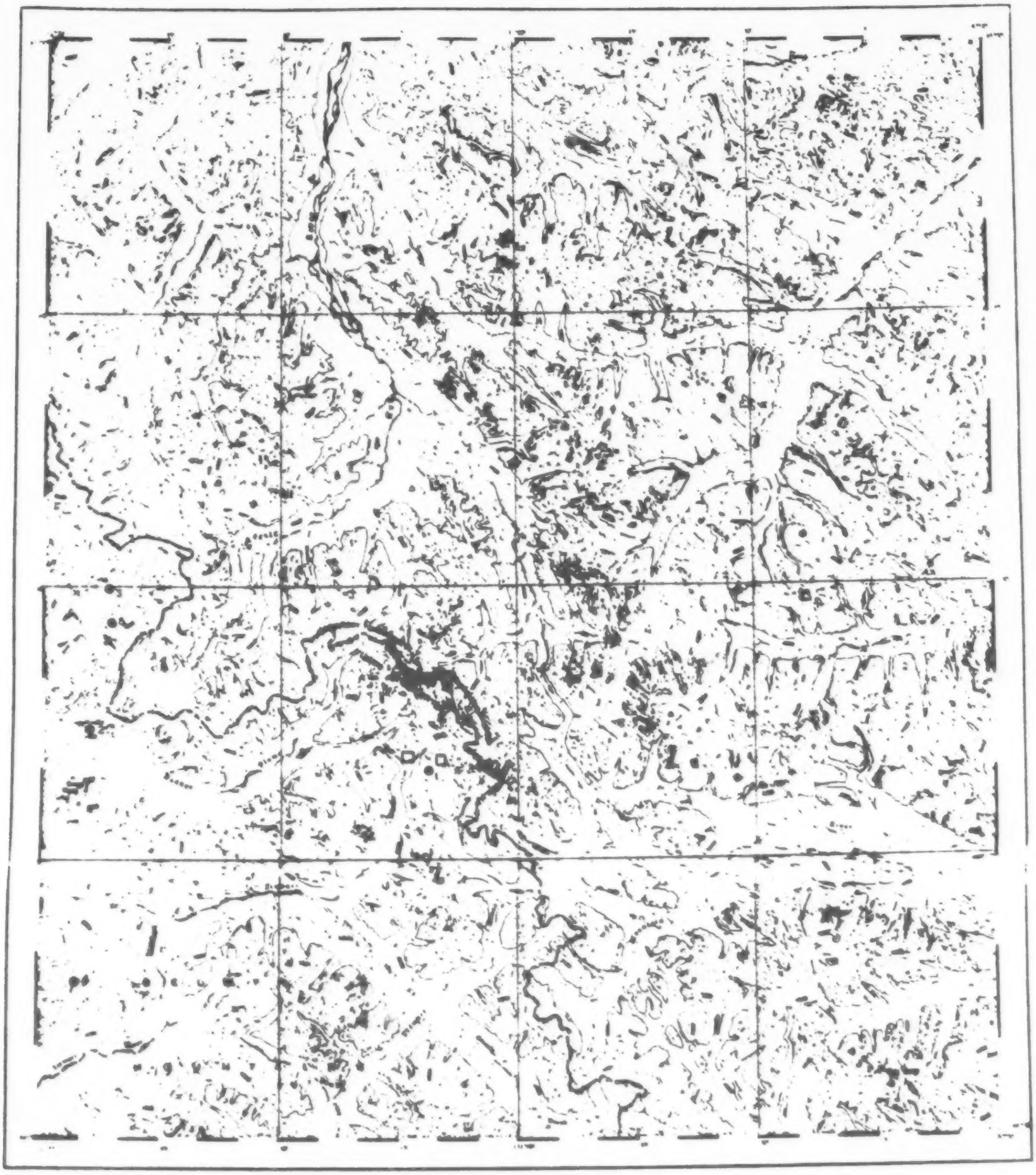
Preliminary Map Only

106 B



BONNET PLUME LAKE

YUKON TERRITORY - NORTHWEST TERRITORIES

5 0 5 10 15 20 25 30
Kilometres

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

● Mineral Deposit or Occurrence see Key on facing page

○ Unmineralized Target

▭ Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983

▭ Mineral Claims staked in 1983

— Placer Leases in good standing (Jan. 1984)

Placer Claims in good standing (Jan. 1984)

CEL Coal Exploration Licence

CML Coal Mining Lease

- - - - Tote Trail

— Driveable Road

Oil or Gas Well

▬ Airstrip

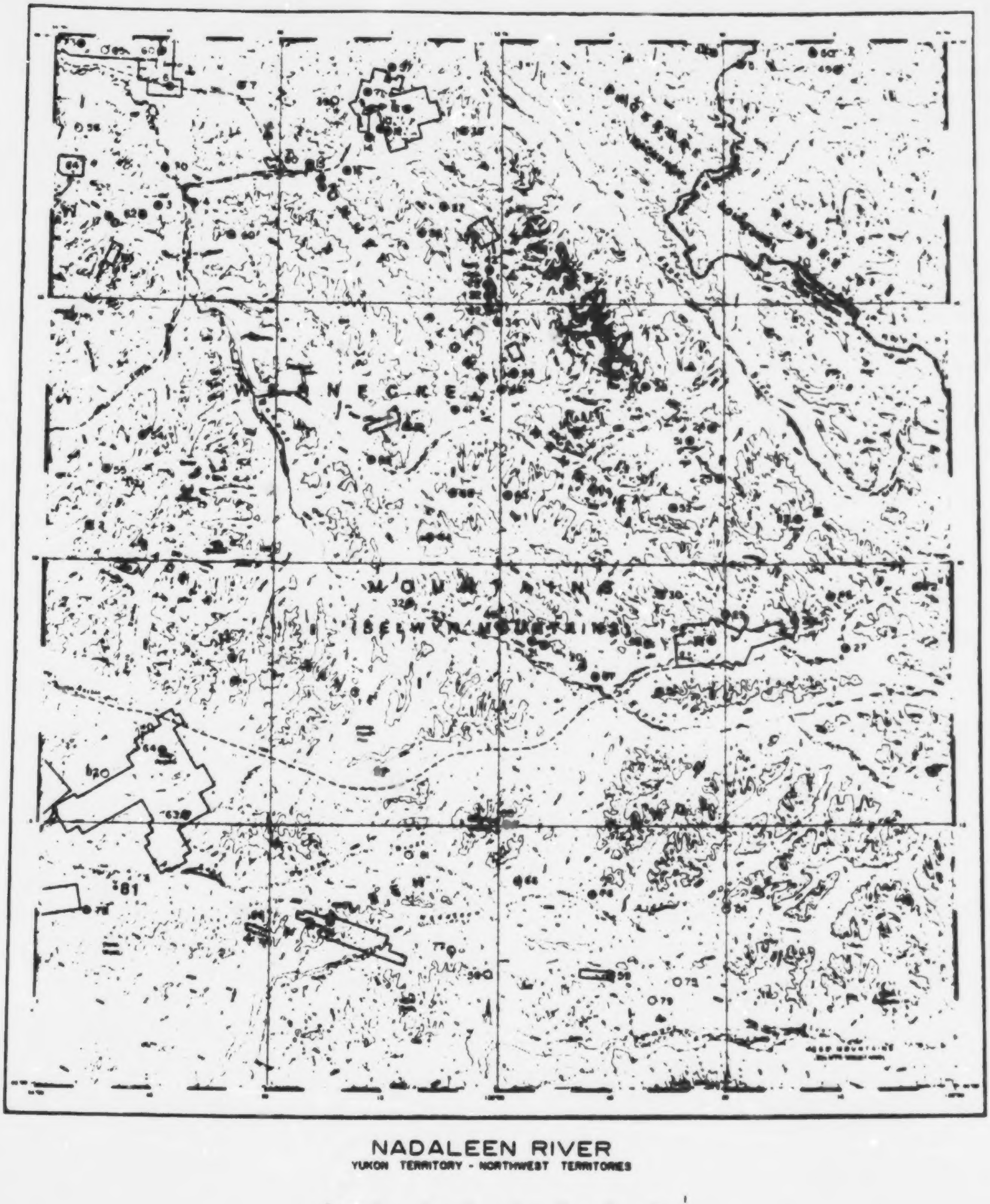
BONNET PLUME MAP-AREA (NTS 106 B)

General Reference: GSC Open File 205 by: S.L. Blusson, 1974.
GSC Open File 710 by: M.P. Cecile, 1980a.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	ECONOMIC	Stratabound Discordant Zn Pb	106 B 6	7	Sinclair et al (1975, p. 19)
2	ANDY	Stratabound Discordant Zn Pb	106 B 5	7	Dawson (1975, p. 240-241)
3	NECO	Stratabound Discordant, Vein Zn Pb	106 B 5	7	
4	BIRKELAND	Stratabound Discordant Zn Pb	106 B 4	7	
5	PR	Work Target	106 B 5	9	Morin et al (1977, p. 118)

Preliminary Map Only

106 C


WERNECKE
MOUNTAINS
(SELWYN MOUNTAINS)

NADALEEN RIVER

YUKON TERRITORY - NORTHWEST TERRITORIES

5 0 5 10 15 20 25 30
Kilometres

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)		
●	Mineral Deposit or Occurrence see Key on facing page	—	Placer Leases in good standing (Jan. 1984)
○	Unmineralized Target	┼┼┼┼┼	Placer Claims in good standing (Jan. 1984)
▭	Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983	CEL	Coal Exploration Licence
▭	Mineral Claims staked in 1983	CML	Coal Mining Lease
- - - - -	Tote Trail		
—	Driveable Road		
✧	Oil or Gas Well		
▬	Airstrip		

NADALEEN RIVER MAP-AREA (NTS 106 C)

General Reference: GSC Open File 205, 206 by: S.L. Blusson, 1974.
GSC Open File 710 by: M.P. Cecile, 1980a.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	KOHSE	Vein, Replacement Cu	106 C 5	7	
2	SALUTATION	Vein Cu Co	106 C 12	7	
3	GILLESPIE	Stratabound Discordant Vein Zn Pb	106 C 13	7	
4	GEORDIE	Vein, Replacement Pb Zn Ag			
5	GILDERSLEEVE	Stratabound Discordant Zn Pb	106 C 16	7	Dawson (1975, p. 241)
6	FAIRCHILD	Breccia U Cu	106 C 13	7	D.I.A.N.D. (1983, p. 175-176)
7	BIBBER	Vein Cu	106 C 13	7	
8	DOLORES	Vein Cu Ag Co	106 C 13	7	
9	KEY MOUNTAIN (BARB)	Vein Cu Co	106 C 14	7	D.I.A.N.D. (1982, p. 185-186)
10	MAMMOTH	Work Target	106 C 14	9	Findlay (1969b, p. 16-17)
11	CIRQUE	Vein Cu Co Ag	106 C 14	7	
12	PORPHYRY	Vein Cu	106 C 14	7	Findlay (1969b, p. 16-17)
13	TETRAHEDRITE CREEK	Vein Au Ag (Cu Pb Zn Sb)	106 C 14	6	D.I.A.N.D. (1985, p. 228-229)
14	AIRSTRIP	Vein Cu	106 C 14	7	
15	VULCAN	Breccia U Cu	106 C 14	7	D.I.A.N.D. (1982, p. 186)
16	DOBBY	Vein Cu	106 C 14	7	
17	KIDNEY	Vein Cu	106 C 13	7	
18	PING (CORN CREEK)	Stratabound Discordant Zn Pb	106 C 11	5	Sinclair et al (1975, p. 53-54)
19	GOZ CREEK	Stratabound Discordant Zn Pb	106 C 7	2	Sinclair et al (1975, p. 23-24)
20	HARRISON	Stratabound Discordant Zn Pb	106 C 7	6	Sinclair et al (1975, p. 41-42)
21	MUELLER	Stratabound Discordant Zn Pb	106 C 7	5	Sinclair et al (1975, p. 42-43)
22	CORN CREEK (COB)	Stratabound Discordant Zn Pb	106 C 11, 14	7	Sinclair et al (1975, p. 26)
23	ZOG	Vein, Replacement Zn	106 C 9	7	
24	GOODMAN (AL)	Work Target	106 C 10	7	Sinclair et al (1975, p.64-65)

25 NEST	Stratabound Discordant Zn Pb	106 C 10	6	Sinclair *et al* (1975, p.33-35)
26 TOPOROWSKI	Stratabound Concordant Zn Pb	106 C 10	7	
27 ANGLO	Work Target	106 C 8	9	Sinclair *et al* (1975, p.38,40)
28 GUS	Stratabound Discordant Zn Pb	106 C 8	7	Sinclair *et al* (1975, p.36)
29 GENTRY	Stratabound Discordant Zn Pb	106 C 7	7	Sinclair *et al* (1975, p.24-28)
30 CADET	Stratabound Discordant Zn Pb	106 C 7	7	Sinclair *et al* (1975, p.29,46)
31 LOG	Work Target	106 C 7	9	Sinclair *et al* (1975, p.29,46)
32 MOUSE	Stratabound Discordant Zn Pb	106 C 6	7	Sinclair *et al* (1975, p.40-41)
33 STAR	Stratabound Discordant Zn Pb	106 C 10	7	Sinclair *et al* (1975, p.55-56)
34 DEA	Stratabound Discordant Zn Pb	106 C 11	7	Sinclair *et al* (1975, p.58-59)
35 PROFEIT	Stratabound Discordant Zn Pb Ag Cu	106 C 14	6	D.I.A.N.D. (1982, p. 186,190)
36 POO	Vein Pb Zn	106 C 14	7	
37 EG	Stratabound Discordant Zn Pb	106 C 14	7	Sinclair *et al* (1975, p.61-62)
38 DAN	Stratabound Discordant Zn Pb	106 C 14	7	Sinclair *et al* (1975, p.61)
39 MAC (OTTO)	Work Target	106 C 14	9	Sinclair *et al* (1975, p.63)
40 LEARY	Vein Zn Pb Cu	106 C 13	7	Sinclair *et al* (1975, p.63)
41 WX	Stratabound Discordant Zn Pb	106 C 11	6	Sinclair *et al* (1975, p.56-57)
42 SUN	Stratabound Discordant Zn Pb	106 C 14	7	Sinclair *et al* (1975, p.60)
43 BOB	Stratabound Discordant Zn Pb	106 C 10	7	
44 BRENDON (RAM)	Stratabound Discordant Zn Pb	106 C 11	7	Sinclair *et al* (1975, p.51)
45 GAL	Work Target	106 C 7	9	Sinclair *et al* (1975, p.30-31)
46 RUM/RAF	Work Target	106 C 8	9	Sinclair *et al* (1975, p.37,39)
47 TAPIN	Work Target	106 C 6	9	
48 CAB	Stratabound Discordant Zn Pb	106 C 15	7	Morin *et al* (1979, p.41)
49 BAK	Stratabound Discordant Zn Pb	106 C 16	7	
50 MOGUL	Stratabound Discordant Zn Pb	106 C 16	7	Sinclair *et al* (1975, p.66)
51 DUNE	Vein Zn Pb	106 C 10	7	
52 SNAKE	Stratabound Discordant Zn Pb	106 C 10	7	
53 McKELVIE	Vein Zn Pb Ba	106 C 7	7	
54 MARSHALL	Occurrence Cu	106 C 12	7	
55 ALGAE	Occurrence Cu	106 C 12	7	
56 LEAH	Work Target	106 C 3	9	D.I.A.N.D. (1981, p.224)
57 RAM	Breccia U Cu	106 C 14	7	D.I.A.N.D. (1981, p.224)
58 LFV	Work Target	106 C 13	9	D.I.A.N.D. (1981, p.235)
59 SIAN	Stratabound Discordant, Vein Ag Pb Zn	106 C 2	7	D.I.A.N.D. (1981, p.224)
60 OTTER	Vein Co Ni As	106 C 13	7	D.I.A.N.D. (1982, p.186-187)
61 CRAIG	Vein Ag Pb Zn	106 C 3	2	D.I.A.N.D. (1981, p.225-230)
62 TOW	Breccia U	106 C 13	7	D.I.A.N.D. (1981, p.231)
63 VAL	Vein Ag Pb Zn	106 C 5	2	D.I.A.N.D. (1982, p.187)
64 VERA	Vein Ag Pb Zn	106 C 5	2	D.I.A.N.D. (1982, p.187)
65 ELGEA	Vein Cu Co	106 C 13	5	D.I.A.N.D. (1982, p.187-188)
66 TARA (NADALEEN)	Stratabound Discordant Zn Pb	106 C 2	7	D.I.A.N.D. (1982, p.188,190)
67 FUN	Stratabound Discordant Zn Pb	106 C 7	7	Sinclair *et al* (1976, p.41)
68 DF	Stratabound Discordant Zn Pb	106 C 10, 11	6	Sinclair *et al* (1976, p.50)
69 MID	Work Target	106 C 11	9	Sinclair *et al* (1976, p.51)
70 ALE	Work Target	106 C 11	9	Sinclair *et al* (1976, p.56)
71 PTERD	U Breccia	106 C 14	6	D.I.A.N.D. (1982, p.188)
72 REP	Stratabound Discordant Zn Pb	106 C 8	5	Morin *et al* (1979, p.39)

73 BROMADROSIS	Work Target	106 C 13	9	Morin *et al* (1977, p.122)
74 EIRA	Work Target	106 C 1, 2	9	Morin *et al* (1979, p.35)
75 BLACK IDA	Work Target	106 C 2	9	Morin *et al* (1979, p.35)
76 JAM	Stratabound Discordant Zn Pb	106 C 2	7	Morin *et al* (1979, p.36)
77 STAR	Work Target	106 C 3	9	Morin *et al* (1979, p.36)
78 COOKER	Vein Ag Pb Zn	106 C 4	7	Morin *et al* (1980, p.37)
79 GLEN	Work Target	106 C 2	9	Morin *et al* (1980, p.10)
80 BONNET	Work Target	106 C 13	9	D.I.A.N.D. (1982, p.190)
81 STRIP	Work Target	106 C 3	9	D.I.A.N.D. (1982, p.190)
82 RAFE	Work Target	106 C 5	9	D.I.A.N.D. (1982, p.190)
83 JOLLY	Vein Pb Zn	106 C 13	5	D.I.A.N.D. (1983, p.175-176)
84 APE	Vein Cu U Co Mo	106 C 13	7	D.I.A.N.D. (1983, p.175-176)
85 DJ	Stratabound Discordant Zn Pb	106 C 11	7	Sinclair *et al* (1975, p.52)
86 MEX	Work Target	106 C 4	9	D.I.A.N.D. (1985, p.228)
87 NIKA	Work Target	106 C 4	9	This Report

NIKA 106 C 4 (87)
D.M. O'Neill (64°11'N,133°50'W)

Claims 1985: NIKA 1-8

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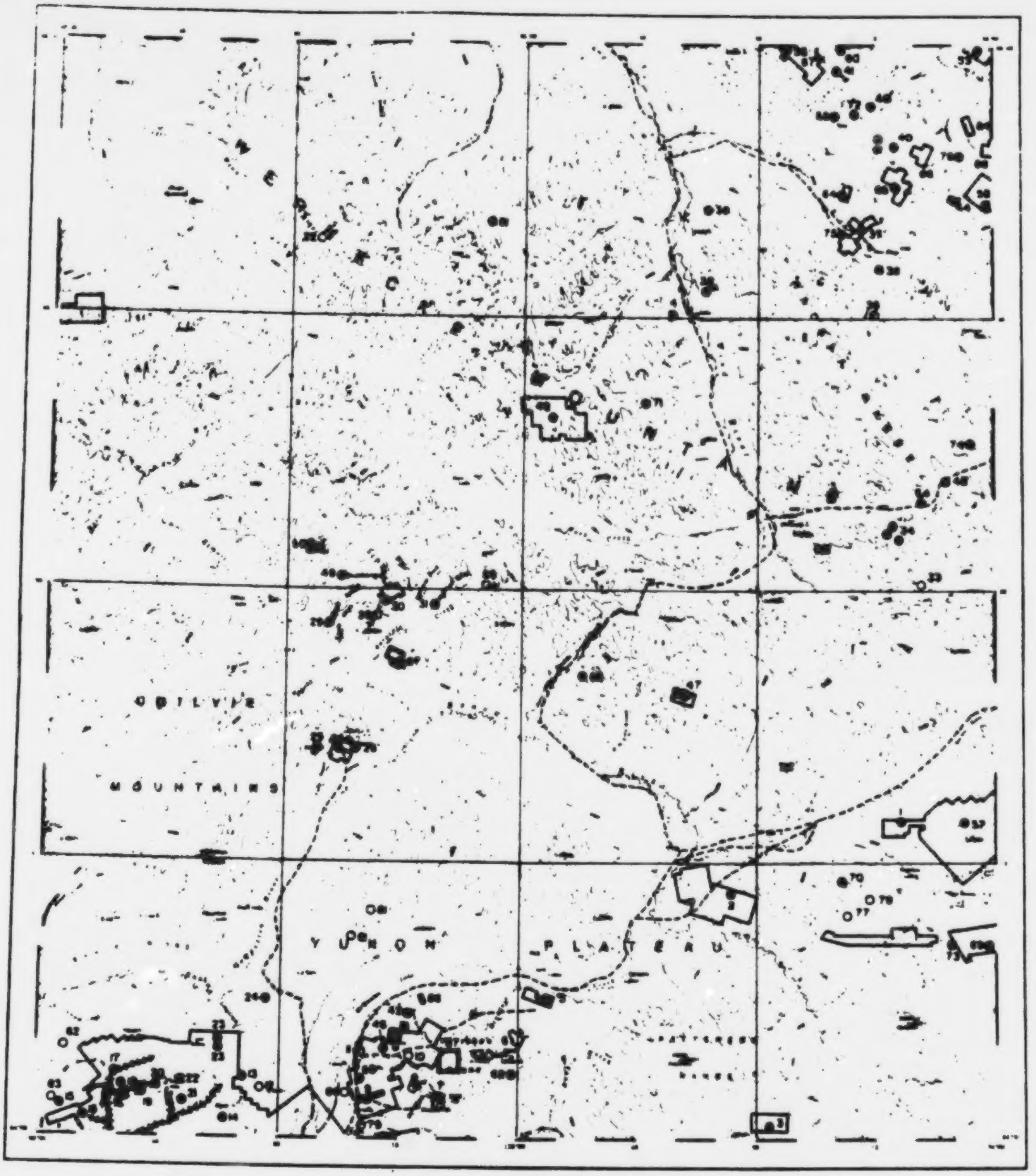
Preliminary Map Only

106 D


OGILVIE
MOUNTAINS
YUKON
PLATEAU

NASH CREEK

YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)	●	Mineral Deposit or Occurrence see Key on facing page	———	Placer Leases in good standing (Jan. 1984)	- - - - -	Tote Trail
		○	Unnumbered Target		Placer Claims in good standing (Jan. 1984)	———	Driveable Road
		▭	Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983	CEL	Coal Exploration Licence	✦	Oil or Gas Well
		▭	Mineral Claims staked in 1983	CML	Coal Mining Lease	▬	Airstrip

NASH CREEK MAP-AREA (NTS 106 D)

General Reference: GSC Map 1282A and Memoir 364 by: L.H. Green, 1972.
GSC Open File 710 by: M.P. Cecile, 1980a.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	KATHLEEN	Vein Zn Ag Pb	106 D 8	6	D.I.A.N.D. (1985, p.233)
2	NOW	Vein Pb Zn Ag Au	106 D 2	6	D.I.A.N.D. (1981, p.238)
3	MARG	Work Target	106 D 1	9	D.I.A.N.D. (1986, p. 163)
4	WEN	Vein Cu	106 D 15	7	Green (1972, p.139)
5	CLARK	Vein Ag Pb Zn	106 D 2	2	Craig & Laporte (1972, p.19-20; Sinclair & Gilbert (1972, p.15-16)
6	CAMERON (PAUL)	Vein Ag Pb Zn	106 D 3	7	Green (1971, p.63-64; Sinclair *et al* (1975, p.16-17)
7	STAND-TO	Vein Ag Pb Zn	106 D 3	7	Findlay (1969b, p.13-14); D.I.A.N.D. (1982, p.198)
8	FORBES	Work Target	106 D 3	9	Cockfield (1922)
9	SPRING (HL)	Vein Ag Pb Zn	106 D 3	7	Craig & Milner (1975, p.30); D.I.A.N.D. (1982, p.198); This Report
10	RAMBLER	Vein Ag Pb Zn	106 D 3	7	Cockfield (1922), p.4-5); Green (1971, p.63); D.I.A.N.D. (1981, p.244); D.I.A.N.D. (1985, p.234)
11	RUSTY	Work Target	106 D 3	9	
12	ERIN	Vein Ag Pb Zn	106 D 4	7	Craig & Laporte (1972, p.16-17)
13	GWAIHIR	Vein W	106 D 4	7	D.I.A.N.D. (1981, p.238)
14	SKATE	Vein Ag Pb Zn	106 D 4	6	D.I.A.N.D. (1982, p.194)
15	PESO (REX)	Vein Ag Pb Zn	106 D 4	2	Green (1965, p.20-22); D.I.A.N.D. (1981), p.244); D.I.A.N.D. (1986, p. 158); This Repsort
16	BARKER	Vein unclassified	106 D 4	7	Boyle (1965, p.84)
17	MEILECKE	Vein Ag Pb	106 D 4	7	
18	SHEPPARD	Work Target	106 D 4	9	Mulligan (1975, p.73-74)
19	DUBLIN GULCH	Skarn W	106 D 4	7	D.I.A.N.D. (1983, p.179-180)
20	POTATO HILLS	Work Target	106 D 4	9	Little (1959, p.21-29, 34-36); Craig & Milner (1975, p.24-25)
21	RAY GULCH	Skarn W	106 D 4	2	D.I.A.N.D. (1981, p.240); Lennan (1985)
22	ELLIS	Vein Au Ag	106 D 4	7	Green & Godwin (1963, p.15)
23	LYNX	Work Target	106 D 4	9	Green & Godwin (1963, p.15) D.I.A.N.D. (1981, p.244)
24	LUCKY STRIKE	Vein Ag Pb Zn	106 D 4	7	Green (1972, p.137); D.I.A.N.D. (1982, p.198)
25	WHITE HILL	Work Target	106 D 6	9	Cockfield (1925, p.1-18)

26	McKAY HILL	Vein Ag Pb Zn	106 D 6	4	Cockfield (1924, p.22-28); Green (1972, p.133-134); D.I.A.N.D. (1981, p.244)
27	GREY COPPER HILL	Vein Ag Pb Zn	106 D 6	7	D.I.A.N.D. (1981, p.240) D.I.A.N.D. (1985, p.234)
28	CARPENTER	Work Target	106 D 6	9	Cockfield (1925, p.1-18)
29	ELLIOTT RIDGE	Vein Cu	106 D 6	7	Cockfield (1925, p.1-18)
30	SILVER HILL	Vein Ag Pb Zn	106 D 6	7	Cockfield (1925, p.1-18); Green (1972, p.133)
31	SETTLEMEIR	Work Target	106 D 6	9	
32	ROYAL	Work Target	106 D 14	9	
33	ZULPS	Vein Cu	106 D 9	7	
34	McCLUSKY	Vein Cu	106 D 9	2	
35	GRAY	Work Target	106 D 16	9	Findlay (1969a, p.16)
36	NEW JERSEY	Work Target	106 D 16	9	Findlay (1969a, p.16)
37	PAGISTEEL	Breccia U	106 D 16	5	D.I.A.N.D. (1982, p.195)
38	AHEARNE	Work Target	106 D 15	9	Green (1972, p.139); D.I.A.N.D. (1983, p.179,181)
39	FRAN	Vein Fe	106 D 15	7	Green (1972, p.143)
40	FORD	Vein Cu Pb	106 D 16	7	
41	SLATS	Vein Cu	106 D 16	7	
42	JEE	Work Target	106 D 3	9	
43	DRESEN	Vein Cu	106 D 9	7	
44	FOUND	Vein Cu	106 D 16	7	D.I.A.N.D. (1982, p.198)
45	BUT	Vein Cu	106 D 16	7	
46	NAT	Vein Pb Ag Zn Cu	106 D 3	7	D.I.A.N.D. (1982, p.198)
47	BRAINE	Vein Zn Pb Cu Ag	106 D 7	5	This Report
48	BOND	Work Target	106 D 10	9	Green (1972, p.139)
49	LINGHAM	Vein Pb Zn	106 D 11	7	
50	NEWT	Vein Pb Zn	106 D 11	7	
51	SIHOTA	Vein Cu Zn	106 D 14	7	
52	CLOUTIER	Vein Pb Zn Ag Cu Au	106 D 7	7	
53	SLAB	Work Target	106 D 16	9	Findlay (1969b, p.17-18)
54	LOUIE	Vein Cu	106 D 9	7	
55	EATON	Breccia Cu U	106 D 16	7	D.I.A.N.D. (1983, p.179-180)
56	CORD	Stratabound Concordant Pb Zn	106 D 16	6	D.I.A.N.D. (1982, p.196,198)
57	ZAP	Vein Ag Pb Zn	106 D 8	7	D.I.A.N.D. (1981, p.241)
58	J.T.	Vein Ag Pb Zn	106 D 3	7	D.I.A.N.D. (1983, p.179-181)
59	ARCTOS	Breccia U Cu Co Ag	106 D 16	7	D.I.A.N.D. (1982, p.196-197)
60	RAD	Breccia U Cu Au	106 D 16	7	D.I.A.N.D. (1982, p.197)
61	URSUS	Breccia U Cu Ag	106 D 16	7	D.I.A.N.D. (1982, p.197)
62	SPRING	Work Target	106 D 3	9	D.I.A.N.D. (1981, p.244)
63	DEAL	Work Target	106 D 3	9	D.I.A.N.D. (1981, p.244)
64	FACE	Occurrence U Cu Ag	106 D 16	7	D.I.A.N.D. (1982, p.197-198)
65	ADUB	Work Target	106 D 16	9	D.I.A.N.D. (1982, p.195,198)
66	HAIL	Occurrence U	106 D 16	7	D.I.A.N.D. (1982, p.195)
67	PIK	Work Target	106 D 16	9	D.I.A.N.D. (1981, p.244) D.I.A.N.D. (1982, p.198)
68	SNOW STAR	Occurrence U	106 D 16	7	D.I.A.N.D. (1982, p.195)
69	ROD	Vein Ag Pb	106 D 1	6	D.I.A.N.D. (1986, p. 154)
70	BLUE LITE	Skarn W	106 D 1	6	D.I.A.N.D. (1981, p.243-244); D.I.A.N.D. (1986, p. 158)

71 BOZO	Work Target	106 D 10	9	Sinclair *et al* (1976, p.62)
72G KNUCKLE	Work Target	106 D 15	9	Morin *et al* (1977, p.125)
73 BAG	Work Target	106 D 1	9	Morin *et al* (1980, p.13)
74 JAZ	Work Target	106 D 9	9	Morin *et al* (1979, p.43)
75 PITCH	Work Target	106 D 16	9	Morin *et al* (1979, p.44)
76 SER	Work Target	106 D 16	9	Morin *et al* (1979, p.45)
77 KATHY	Work Target	106 D 1	9	Morin *et al* (1980, p.14)
78 LEEN	Work Target	106 D 1	9	D.I.A.N.D. (1982, p.198)
79 D. BURKE	Work Target	106 D 3	9	D.I.A.N.D. (1982, p.198); This Report
80 SHARON	Work Target	106 D 3	9	D.I.A.N.D. (1982, p.198); This Report
81 BREFAULT	Work Target	106 D 3	9	D.I.A.N.D. (1982, p.198)
82 KISS	Work Target	106 D 4	9	D.I.A.N.D. (1982, p.198)
83 COLLEEN	Work Target	106 D 4	9	D.I.A.N.D. (1982, p.198)
84 SAM	Work Target	106 D 16	9	D.I.A.N.D. (1982, p.198)
85 FOHU	Work Target	106 D 3	9	
86 FANCY	Work Target	106 D 11, 6	9	D.I.A.N.D. (1983, p.179,181)
87 NDM	Work Target	106 D 3	9	D.I.A.N.D. (1985, p.232)
88 MIKE	Work Target	106 D 3	9	D.I.A.N.D. (1986, p. 158)
89 ESS	Work Target	106 D 2	9	D.I.A.N.D. (1986, p. 158)
90 KING	Work Target	106 D 3	9	D.I.A.N.D. (1986, p. 158)
91 FIREWEED	Work Target	106 D 3	9	D.I.A.N.D. (1986, p. 158)
92 MICHELLE	Work Target	106 D 3	9	D.I.A.N.D. (1986, p. 158)

BRAINE
Canadian Nickel Co. Ltd.

Zn, Pb, Cu, Ag
Vein/Replacement
106 D 7 (47)
(64°25'N, 134°38'W)
Mayo M.D.

Reference: D.I.A.N.D. (1986, p.155,158).

Claims: BLENDE 16-88

Source: Summary by B. Lueck of assessment report 091665 by W. Groeneweg.

Current Work and Results:

Geologic mapping of the property at a 1:10 000 scale was done in 1985. A total of 10 rock samples and 9 soil samples were analyzed for Ag, Cd, Cu, Pb, Sb, Zn. The best sulphide mineralization consists of a 30 cm wide quartz vein containing chalcopyrite, galena and sphalerite with a strike length of 15 m. A chip sample across the vein ran 1261.7 g/t Ag, 6.3% Zn, 2.9% Pb, 2.16% Cu.

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SHARON 106 D 3 (80)
J. Strebchuk (64°02'N,135°20'W)

Claims 1985: J.S. 1-2

SPRING (HL) 106 D 3 (9)
J. Stebchuk (64°02'N,135°20'W)

Claims 1985: JT 1-2

D. BURKE 106 D 3 (79)
T. Kachnic (64°01'N,135°20'W)

Claims 1985: T.M. 1-8

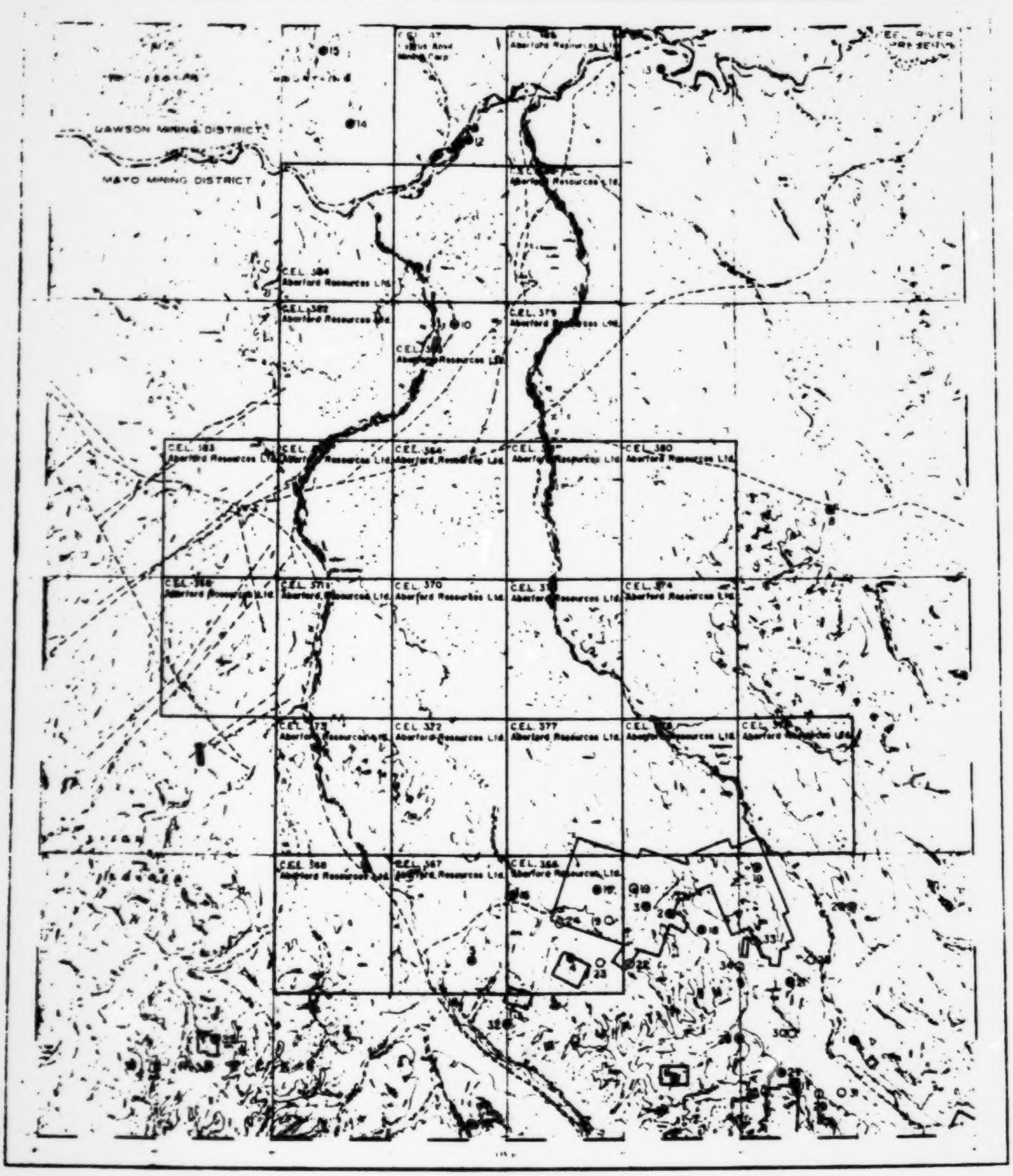
PESO (REX) 106 D 4 (15)
J. Moreau (64°01'N,135°57'W)

Claims 1985: PIERRE 1-20

*****

Preliminary Map Only

106 E


DAWSON MINING DISTRICT
MAYO MINING DISTRICT
C.E.L. 47
C.E.L. 386
Aberford Resources Ltd.
C.E.L. 384
Aberford Resources Ltd.
C.E.L. 382
Aberford Resources Ltd.
C.E.L. 379
Aberford Resources Ltd.
C.E.L. 383
Aberford Resources Ltd.
C.E.L. 364
Aberford Resources Ltd.
C.E.L. 380
Aberford Resources Ltd.
C.E.L. 368
Aberford Resources Ltd.
C.E.L. 371
Aberford Resources Ltd.
C.E.L. 370
Aberford Resources Ltd.
C.E.L. 374
Aberford Resources Ltd.
C.E.L. 372
Aberford Resources Ltd.
C.E.L. 377
Aberford Resources Ltd.
C.E.L. 366
Aberford Resources Ltd.
C.E.L. 367
Aberford Resources Ltd.
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12
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WIND RIVER
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
●	Mineral Deposit or Occurence see Key on facing page
○	Unmineralized Target
▭	Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983
▭	Mineral Claims staked in 1983
——	Placer Leases in good standing (Jan. 1984)
++++++	Placer Claims in good standing (Jan. 1984)
CEL	Coal Exploration Licence
CML	Coal Mining Lease
- - - -	Tote Trail
——	Driveable Road
✧	Oil or Gas Well
▬	Airstrip

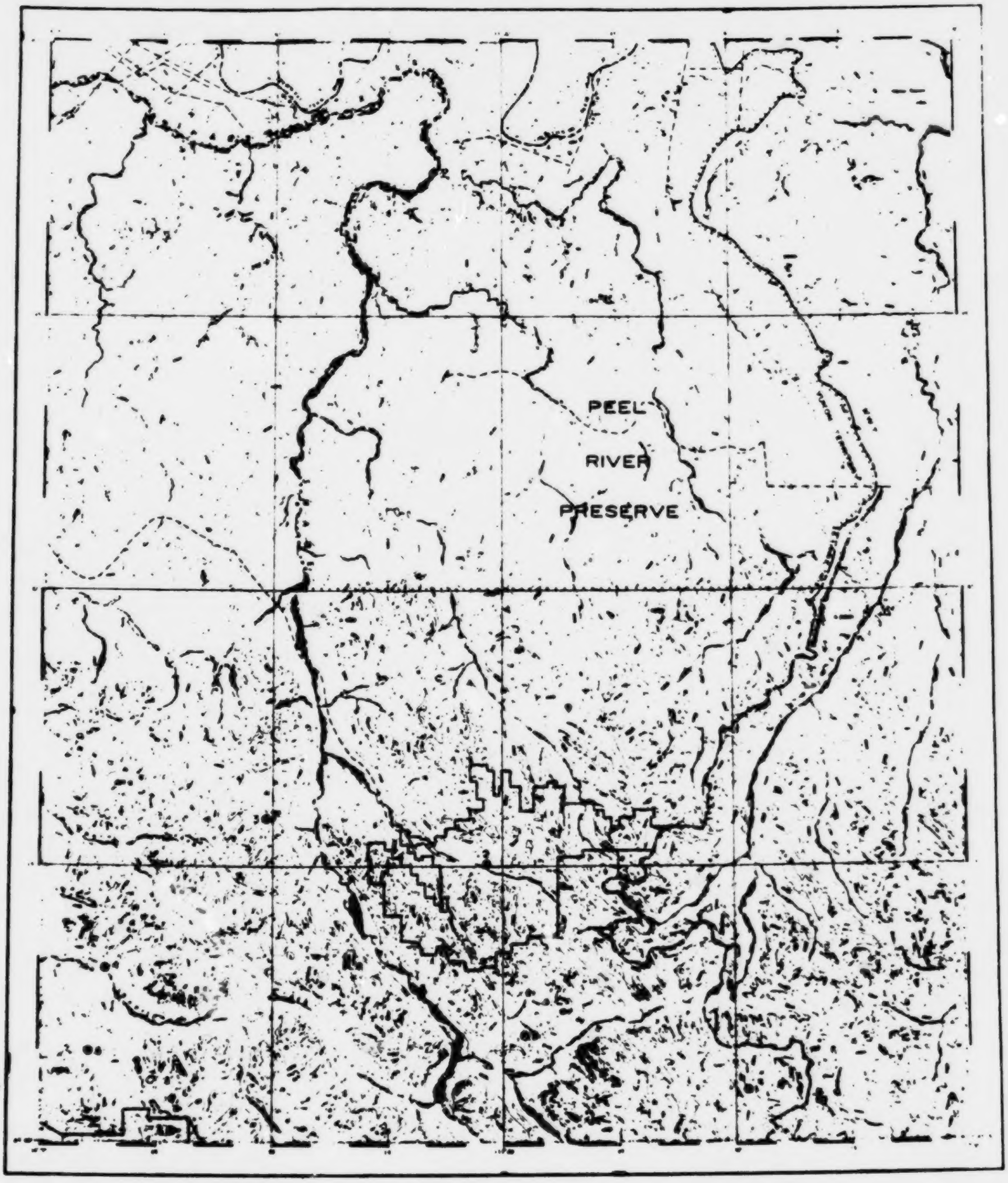
WIND RIVER MAP-AREA (NTS 106 E)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1528A by: D.K. Norris, 1982c.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	IRENE	Vein, Replacement U Cu	106 E 1	7	Blusson (1976, p.132)
2	GREMLIN	Breccia Cu Ag	106 E 2	7	D.I.A.N.D. (1983, p.183-185)
3	CHLOE	Occurrence Pb Zn	106 E 2	7	
4	FLUNK	Stratabound Discordant Zn Pb	106 E 2	5	Sinclair *et al* (1976, p.65-67)
5	FORSTER (MST)	Stratabound Discordant Pb Zn	106 E 3	[illegible]	Sinclair *et al* (1975, p.67-68); Morin *et al* (1977, p.133)
6	IGOR	Breccia Cu U	106 E 2	7	D.I.A.N.D. (1983, p.183,184)
7	MAGIC	Work Target	106 E 3	9	Sinclair *et al* (1975, p.69)
8	HENDRY (DTS)	Vein Pb Zn Cu	106 E 9	7	Sinclair *et al* (1975, p.63-64)
9	PRONGS, BONNET PLUME COALFIELD	Coal	106 E 6	7	Camsell (1907, p.28); Morin *et al* (1979, p.73); McKinney (1985)
10	CHAPPIE	Coal	106 E 11	7	Camsell (1907, p.27-30)
11	BASIN	Coal	106 E 14	7	Camsell (1907, p.27-30)
12	SAINVILLE	Coal	106 E 14	7	Camsell (1907, p.41-46)
13	LOPSTICK	Coal	106 E 14	7	Camsell (1907, p.41-46)
14	ONCE	Work Target	106 E 14	9	Sinclair *et al* (1975, p.86-87)
15	TUKU	Stratabound Discordant Zn Pb	106 E 14	6	Sinclair *et al* (1975, p.87)
16	SLATER	Coal	106 E 2	7	
17	OTIS	Breccia U	106 E 1	7	D.I.A.N.D. (1981, p.246-247)
18	SCYLLA	Breccia U	106 E 2	7	D.I.A.N.D. (1981, p.247)
19	DEER	Breccia U	106 E 1, 2	7	Morin *et al* (1980, p.18-20)
20	BEV	Vein Zn Pb	106 E 1	7	Sinclair *et al* (1976, p.63)
21	WERNECKE	Vein Cu U	106 E 1	7	Morin *et al* (1980, p.17)
22	YOGI	Work Target	106 E 2	9	Morin *et al* (1980, p.21)
23	JEANETTE	Work Target	106 E 2	9	Sinclair *et al* (1976, p.70)
24	WINDY	Work Target	106 E 2	9	Sinclair *et al* (1976, p.71)
25	CUS	Work Target	106 E 1	9	
26	MARTET	Work Target	106 E 2, 1	9	Morin *et al* (1977, p.128-129)
27	THORIUM	Work Target	106 E 1	9	Morin *et al* (1977, p.128)
28	MTR	Work Target	106 E 1	9	Morin *et al* (1979, p.48)
29	ORION	Work Target	106 E 1	9	Morin *et al* (1979, p.45-46)
30	GSTD	Work Target	106 E 1	9	Morin *et al* (1979, p.46)
31	POLARIS	Work Target	106 E 1	9	Morin *et al* (1979, p.47)
32	TAR	Work Target	106 E 1	9	Morin *et al* (1980, p.20)
33	RIN	Work Target	106 E 1	9	Morin *et al* (1980, p. 18)
34	RAPI	Work Target	106 E 2, 1	9	Morin *et al* (1979, p.49)
35	LWR	Stratabound Discordant, Vein Pb Zn	106 E 4	7	D.I.A.N.D. (1983, p.183-185)

Preliminary Map Only

106 F



SNAKE RIVER

YUKON TERRITORY

5 0 5 10 15 20 25 30

Kilometres

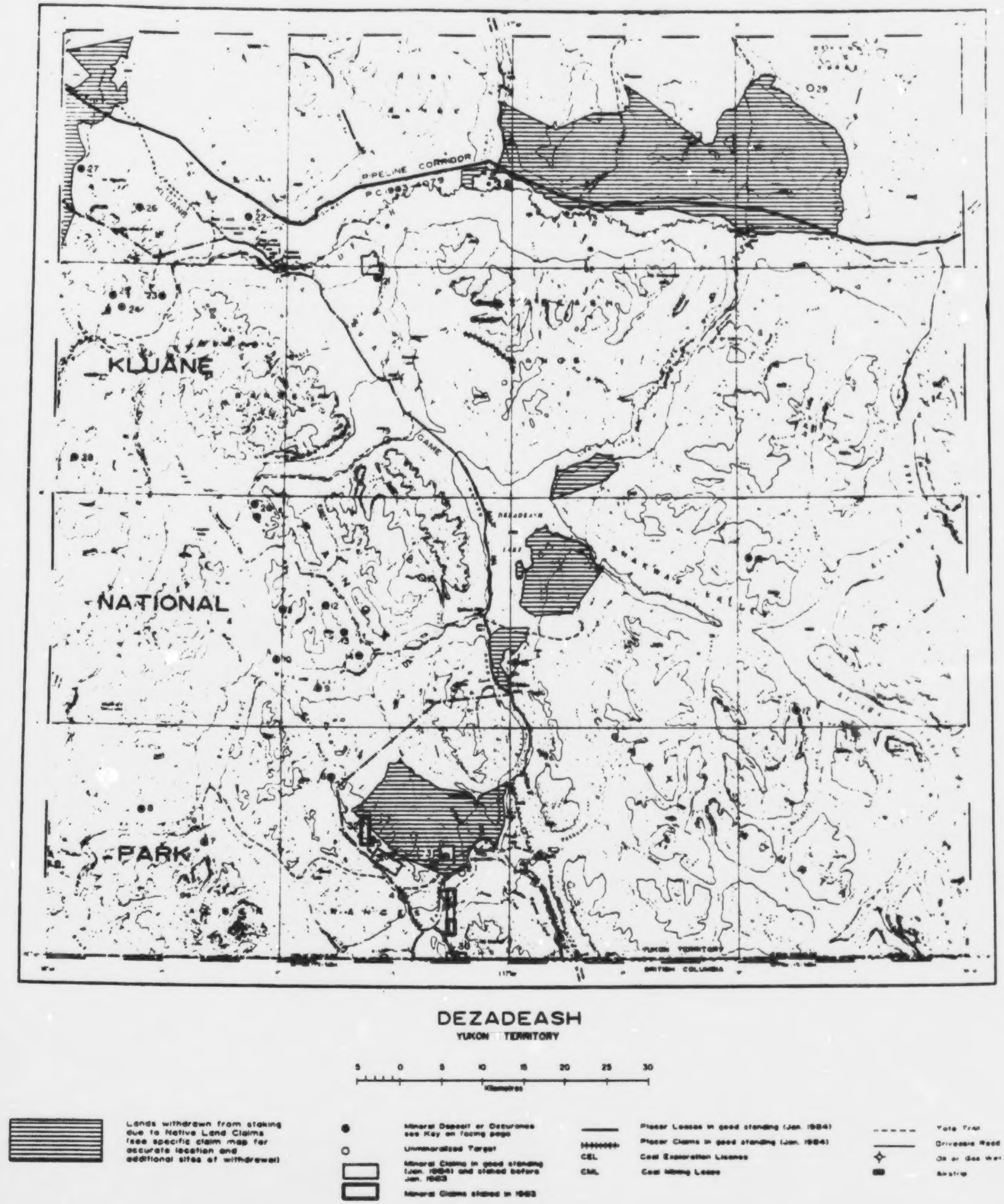
▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)	●	Mineral Deposit or Occurance see Key on facing page	▬	Placer Leases in good standing (Jan. 1984)	- - - -	Tote T
		○	Unmineralized Target	┼┼┼┼	Placer Claims in good standing (Jan. 1984)	―	Driveable R
		▭	Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983	CEL	Coal Exploration Licence	✧	Oil or Gas W
		▭	Mineral Claims staked in 1983	CML	Coal Mining Lease	▬	Airstrip

SNAKE RIVER MAP-AREA (NTS 106 F)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1529A by: D.K. Norris, 1982d.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	VYE	Stratabound Discordant Zn	106 F 1	7	
2	CREST	Stratabound Concordant Fe	106 F 6	2	Green and Godwin (1963, p. 15-18); Yeo (1985)
3	HOME	Vein Zn	106 F 5	7	
4	PLAINS (KEN)	Stratabound Discordant Zn	106 F 4	6	Sinclair *et al* (1976, p. 73)
5	YUK	Vein, Replacement Pb Zn	106 F 4	7	Sinclair *et al* (1976, p. 73)
6	VOLE	Vein Co Cu Ag	106 F 4	7	D.I.A.N.D. (1982, p. 203)
7	LAURA	Work Target	106 F 2	7	Morin *et al* (1977, p. 134)
8	BUH	Stratabound Discordant Zn Pb	106 F 2	6	Morin *et al* (1977, p. 134)

Preliminary Map Only


115 A
PIPELINE CORRIDOR
P.C.1983-2079
KLUANE
KLUANE
NATIONAL
PARK
GAME
DEZADEASH
27
26
22
29
28
12
30
YUKON TERRITORY
BRITISH COLUMBIA
DEZADEASH
YUKON TERRITORY
5
0
5
10
15
20
25
30
Kilometres
Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
Mineral Deposit or Occurrence see Key on facing page
Unmineralized Target
Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983
Mineral Claims staked in 1983
Placer Leases in good standing (Jan. 1984)
Placer Claims in good standing (Jan. 1984)
CEL
Coal Exploration License
CML
Coal Mining Lease
Tote Trail
Driveable Road
Oil or Gas Well
Airstrip

DEZADEASH MAP-AREA (NTS 115 A)

General Reference: GSC Map 1019A and Memoir 268 by: E.D. Kindle, 1952.
GSC Open File 831 by: R.B. Campbell and C.J. Dodds, 1982c.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	JACKPOT	Vein Cu	115 A 3	5	Findlay (1969b; p. 43-44); Sinclair and Gilbert (1975, p. 72); D.I.A.N.D. (1985, p. 241)
2	DALTON	Work Target	115 A 3	9	
3	KANE	Vein Ag Pb	115 A 3	5	D.I.A.N.D. (1986, p. 166-168)
4	CHICKALOON	Work Target	115 A 3	9	
5	PHOTO	Work Target	115 A 3	9	Findlay (1969a, p. 74)
6	MUSH	Vein Cu	115 A 3	7	Skinner (1961, p. 37-38)
7	BATES	Vein Ag Pb	115 A 4	6	Kindle (1953, p. 56)
8	FENTON	Vein Cu	115 A 4	7	
9	CAVE	Stratabound Concordant Cu Vein Ag Cu	115 A 6	7	
10	SHAFT	Vein Cu	115 A 5	7	
11	BELOUD	Work Target	115 A 6, 5	9	Kindle (1952, p. 49-50, 55)
12	HUSKY	Stratabound Discordant Cu	115 A 6	7	
13	WREN	Vein Cu	115 A 6	7	
14	KEL	Stratabound Discordant Cu	115 A 6	7	
15	SHORTY	Breccia U	115 A 6	7	Kindle (1953, p. 49, 55)
16	KLUKSHU	Vein Cu	115 A 7	7	
17	DEVILHOLE	Porphyry Cu Mo Pb	115 A 8	7	
18	KUSAWA	Skarn Cu	115 A 8	7	
19	MILLHOUSE	Work Target	115 A 11	9	
20	JOHOBO	Stratabound Discordant	115 A 5	3	Findlay (1967, p. 55); Kirkham (1971, p. 85)
21	REX	Granite-associated U	115 A 11	2	Findlay (1967, p. 55); Sinclair and Gilbert (1975, p. 73)
22	ELGIN	Skarn Cu	115 A 13	7	
23	STRIDE	Work Target	115 A 12	9	Kindle (1953, p. 56)
24	SUGDEN	Coal	115 A 12	7	Kindle (1953, p. 58)
25	FERGUSON	Vein Au	115 A 12	7	Bostock (1936b, p. 12); Bostock (1937, p. 11)
26	DECOELI	Vein Cu, Asbestos	115 A 13	7	
27	KLOO	Vein Cu	115 A 13	5	Findlay (1967, p. 54)
28	SOUTHER	Porphyry Cu Mo	115 A 12	7	Souther and Stanciu (1975, p. 66-70)
29	SIFTON	Work Target	115 A 16	9	D.I.A.N.D. (1981, p. 251)
30	CHARLIE	Work Target	115 A 3	9	D.I.A.N.D. (1982, p. 205)

31	KID	Work Target	115 A 3	9	D.I.A.N.D. (1983, p. 189; 1986, p. 171
32	CYPRIOT	Work Target	115 A 3	9	D.I.A.N.D. (1985, p. 241)
33	BEAT	Work Target	115 A 3	9	D.I.A.N.D. (1986, p. 171)
34	JILL	Work Target	115 A 3	9	D.I.A.N.D. (1986, p. 171)
35	BURGER KING	Work Target	115 A 3	9	D.I.A.N.D. (1986, p. 169)
36	NAGY	Work Target	115 A 9	9	D.I.A.N.D. (1986, p. 171)
37	WIL	Work Target	115 A 3	9	D.I.A.N.D. (1986, p. 170)
38	MARIA	Work Target	115 A 14	9	This Report

MARIA — 115 A 14 (38)
L. Beecher — (60°51'N,137°01'W)

Claims 1985: MARIA 1-4

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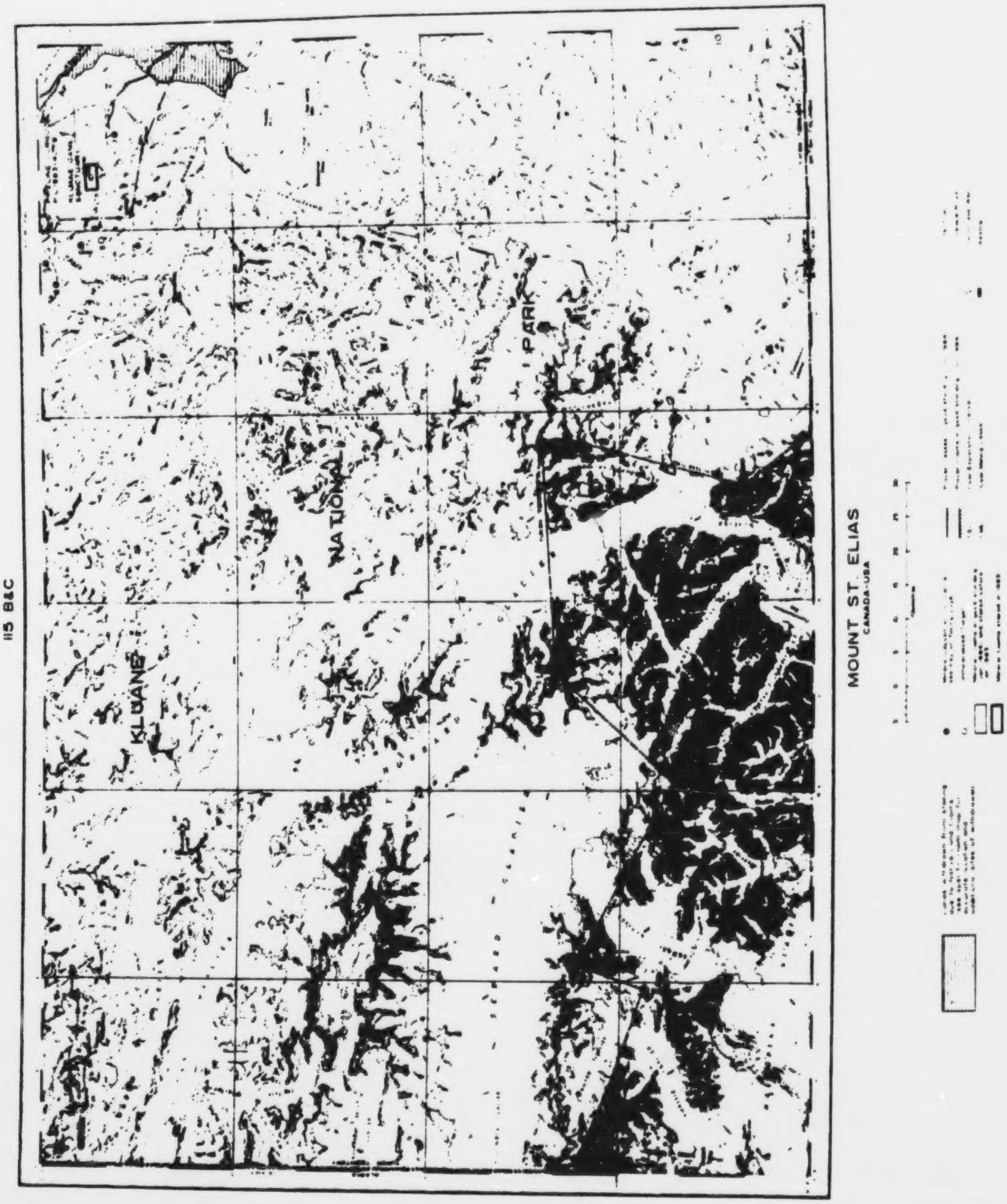
115 B/C

Preliminary Map Only


115 B&C
KLUANE
NATIONAL
PARK
MOUNT ST. ELIAS
CANADA-USA

MOUNT ST. ELIAS MAP-AREA (NTS 115 B-C)

General Reference: GSC Map 1143A by: J.O. Wheeler, 1963.
GSC Open File 830 by: R.B. Campbell and C.J. Dodds, 1982b.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	PLUG	Occurrence Cu Ag	115 B 1	7	
2	KASKAWULSH	Occurrence Cu Ag	115 B 9, 16	7	
3	KIMBERLEY	Coal	115 B 16	7	Kindle (1952, p. 58)
4	JARVIS	Work Target	115 B 16	7	McConnell (1905, p. 1-18)
5	DULUTH	Mafic/ultramafic-associated Ni Cu	115 B 15	7	
6	GIBBONS	Mafic/ultramafic-associated Ni Cu	115 B 15	7	
7	TELLURIDE	Stratabound Concordant Cu Zn Ag Au Ni	115 B 16	7	
8	BULLION	Stratabound Discordant Gypsum Cu Pb	115 B 15	7	
9	SHEEP	Work Target	115 B 15	9	McConnell (1905, p. 1-18)
10	KUL	Work Target	115 B 16	9	This Report
11	JENNIFER	Work Target	115 B 16	9	This Report

KUL	Work Target
Noranda Exploration Co. Ltd. (N.P.L.)	115 B 16 (10)
	(60°57'N, 136°21'W)
	Whitehorse M.D.

Reference: D.I.A.N.D. (1985, p.243).

Claims: KUL 1-32

Source: Summary by B. Lueck of assessment report 091636 by W. Reid.

History:

A 1983 stream silt sampling program located a Cu-Ag anomaly on a western tributary of Silver Creek.

Current Work and Results:

Work in 1984 consisted of silt sampling, geological mapping and prospecting. A total of 38 silt samples and 37 rock samples were taken and analyzed.

A copper anomaly on KUL 3 and a Cu, Zn, Pb, Ag, Au anomaly at the intersection of KUL claims 17,18,19,20 were determined.

No significant mineralization was found on the property. Small quartz veins bearing pyrite, chalcocite, galena and sphalerite were found one km south of the property.

*****

JENNIFER
S.J. Hill

Ag, Au, Cu
Vein/Replacement
115 B 16 (11)
(60°54'N, 138°22'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.173).

Claims: JENNIFER 1-10

Source: Summary by B. Lueck from assessment report 091657 by R.S. Rogers (Rogers Exploration Services Ltd.).

Description:

The claims overlie Paleozoic limestones and carbonaceous pelites which are dissected by steep northwesterly-trending faults. Faulting has localized felsic sub-volcanics of Tertiary(?) age. Stockwork quartz veining is evident in carbonate altered felsic volcanics. Sulphide minerals include chalcocite, chalcopyrite, tetrahedrite, pyrite, galena and sphalerite.

Current Work and Results:

Eight grab samples were taken from vein material on the claims. Selected grab samples assayed as high as 1481.1 g/t Ag, 35.14 g/t Au and 22.5% Cu.

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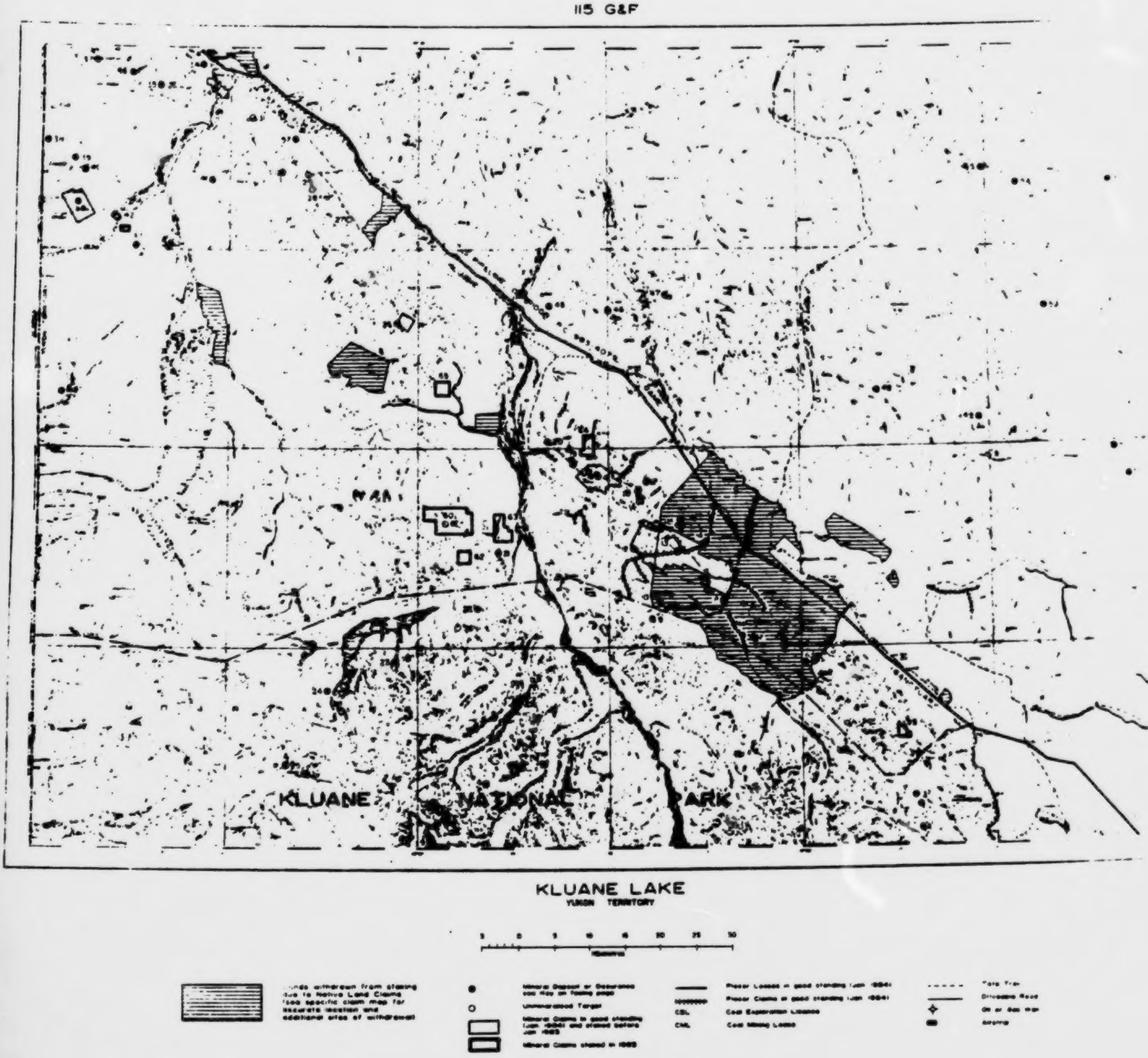
115 F-G

Preliminary Map Only


115 G&F
KLUANE NATIONAL PARK
KLUANE LAKE
YUKON TERRITORY
5
0
5
10
15
20
25
30
Unmineralized Target
Mineral Claims staked in 1983
CEL
Coal Exploration Licence
CML
Coal Mining Lease
Tote Trail
Driveable Road
Airstrip

KLUANE MAP-AREA (NTS 115 F-G)

General Reference: GSC Map 1177A and Memoir 340 by: J.E. Muller, 1967.
GSC Open File 829 by: R.B. Campbell and C.J. Dodds, 1982a.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	METALLINE	Work Target	115 G 2	9	McConnell (1905, p. 18)
2	STOVE	Coal	115 G 2	7	Muller (1967, p. 113-114)
3	CONGDON	Mafic/ultramafic-associated Ni Cu	115 G 2	7	Sinclair and Gilbert (1975, p. 66-67)
4	MULLER	Coal	115 G 4	7	Muller (1967, p. 112)
5	DICKSON	Mafic/ultramafic-associated Ni Cu Co	115 G 2	7	
6	DESTRUCTION	Mafic/ultramafic-associated Ni Cu	115 G 2	7	
7	WINDGAP	Asbestos	115 G 6	7	Craig and Laporte (1972, p. 153-154)
8	DUKE	Asbestos	115 G 6	7	
9	HOGE	Coal	115 G 6	7	Muller (1967, p. 113-115)
10	AMPHITHEATER	Coal	115 G 6	7	Muller (1967, p. 113-115)
11	WADE	Occurrence Cu Ag	115 G 6	7	This Report
12	CORK	Porphyry Cu Mo	115 G 6	5	D.I.A.N.D. (1981, p. 256)
13	GLEN	Mafic/ultramafic-associated Ni Cu, Occurrence Au	115 G 6	7	D.I.A.N.D. (1986, p. 178, 179)
14	BURWASH	Work Target	115 G 6	9	Cairnes (1915b, p. 31)
15	JACQUOT	Stratabound Discordant	115 G 6	7	Kirkham (1971, p. 85); Craig and Laporte (1972, p. 103)
16	QUILL	Stratabound Discordant	115 G 6	7	Findlay (1969a, p. 70-72); Kirkham (1971, p. 85); D.I.A.N.D. (1986, p. 179)
17	VERSLUCE	Work Target	115 G 6	9	Findlay (1969a, p. 70-72)
18	WELLGREEN	Mafic/ultramafic-associated Ni Cu	115 G 5	3	Eckstrand (1972, p. 82-82); Sinclair and Gilbert (1975, p. 64-65)
19	AIRWAYS	Mafic/ultramafic-associated Cu Ni	115 G 5	7	D.I.A.N.D. (1983, p. 193, 195; 1986, p. 179)
20	MUSKETEER	Mafic/ultramafic-associated Cu Ni	115 G 12	7	
21	CEMENT	Coal	115 G 5	7	McConnell (1905, p. 18); McConnell (1906, p. 19-26)
22	ST. ELIAS	Porphyry Mo	115 G 5	7	Skinner (1961, p. 36)
23	SHARPE	Work Target	115 F 1	9	Muller (1967, p. 112)
24	GALLOPING	Work Target	115 F 1	9	Skinner (1961, p. 36)
25	ICEFIELD	Work Target	115 F 1	9	Skinner (1961, p. 36)
26	GARLIC	Porphyry Cu Mo Au	115 F 9	7	D.I.A.N.D. (1983, p. 193-194)

27	LIBERTY	Vein, Replacement Cu Ni	115 F 16	7	
28	DUENSING	Work Target	115 F 16	9	
29	CATS AND DOGS	Occurrence Cu Ni	115 F 16	7	D.I.A.N.D. (1983, p. 193, 195)
30	MEXICO	Skarn Cu	115 F 16	7	
31	PICKHANDLE	Work Target	115 F 16	9	Kirkham (1971, p. 85)
32	SEVENSMA	Work Target	115 F 15	9	
33	CANALASK	Mafic/ultramafic-associated Ni Cu	115 F 15	2	Findlay (1969b, p. 39); Eckstrand (1972, p. 81-82); Sinclair and Gilbert (1975, p. 60-61)
34	EPIC	Vein Cu Mo	115 F 15	7	
35	TAYLOR	Skarn Cu Mo	115 F 15	7	
36	SANPETE	Skarn Cu Fe	115 F 15	7	Craig and Milner (1975, p. 37-38)
37	HUMP	Work Target	115 F 15	9	Johnston (1915, p. 193)
38	MEMOIR	Work Target	115 F 15	9	Cairnes (1915b, p. 141)
39	MCLENNAN	Work Target	115 F 15	9	Cairnes (1915b, p. 141)
40	RABBIT	Vein Cu	115 F 15	7	Cairnes (1915b, p. 123-124)
41	LEP	Work Target	115 F 15	7	Craig and Milner (1975, p. 38-39)
42	WHITERIVER	Stratabound Discordant	115 F 15	6	Sinclair et al (1975, p. 138-139); D.I.A.N.D. (1982, p. 210; 1985, p. 247)
43	SHARE	Work Target	115 F 15	9	
44	KLETSAN	Vein Cu	115 F 10	7	Moffit and Knopf (1910, p. 51-57); Findlay (1969b, p. 42)
45	ELEVENTHIRTY	Skarn W Cu	115 G 12	7	Bostock (1952, p. 40)
46	KENNEDY	Skarn W Cu	115 G 12, 11	7	Bostock (1952, p. 40)
47	TINCUP	Asbestos	115 G 11	7	D.I.A.N.D. (1981, p. 256)
48	BROOKS	Porphyry Mo	115 G 10	7	Muller (1967, p. 112-113)
49	TALBOT	Porphyry Cu	115 G 10	7	D.I.A.N.D. (1981, p. 256)
50	RAFT	Porphyry Mo W	115 G 8	7	D.I.A.N.D. (1981, p. 256)
51	ROCKSLIDE	Work Target	115 G 8	9	Muller (1967, p. 112-113); D.I.A.N.D. (1982, p. 210)
52	DWARF	Work Target	115 G 9	9	Sinclair and Gilbert (1975, p. 70-71)
53	BIRCH	Work Target	115 G 16	9	Craig and Milner (1975, p. 83)
54	BRUMMER	Work Target	115 G 16	9	Craig and Milner (1975, p. 85-86)
55	RHYOLITE	Porphyry Cu Mo	115 G 15	7	Craig and Milner (1975, p. 83, 87)
56	NICK	Mafic/ultramafic-associated Ni Cu	115 G 5	7	
57	KOIDERN (M)	Work Target	115 F 16	9	Morin et al (1977, p. 165)
58	CAN	Vein Au Cu	115 F 15	7	D.I.A.N.D. (1985, p. 246-247)
59	BOCK	Work Target	115 G 2	9	D.I.A.N.D. (1985, p. 247)
60	MAR	Work Target	115 G 5	9	D.I.A.N.D. (1986, p. 177)
61	NORTH C	Work Target	115 G 5	9	D.I.A.N.D. (1985, p. 247)
62	SOUTH C	Work Target	115 G 5	9	D.I.A.N.D. (1985, p. 247)
63	EAST C	Work Target	115 G 5	9	D.I.A.N.D. (1985, p. 247)
64	SJ	Work Target	115 G 5, 12	9	D.I.A.N.D. (1985, p. 247)
65	YNX	Work Target	115 G 12	9	D.I.A.N.D. (1985, p. 247)
66	WADE CREEK	Work Target	115 G 5	9	D.I.A.N.D. (1986, p. 179)
67	PICK	Work Target	115 F 16	9	This Report

WADE
Noranda Exploration Co. Ltd. (N.P.L.)

Work Target
115 G 5 (11)
(61°18'N, 139°30'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.175).

Claims: Wade 1-38

Source: Summary by B. Lueck of assessment report 091786 by M.P. Webster.

Description:

The Wade claims lie between the Duke River depression and the Denali fault zone. The property is underlain by Upper Triassic Nikolai greenstone and Permian-Triassic pyroxene gabbro. The Amphitheatre Formation overlies these rocks unconformably and consists of nonmarine sediments and some coal.

Current Work and Results:

The 1985 work program was a follow-up of a 1984 geochemical survey of silt and pan sampling. Anomalous values had ranged up to 31,000 ppb Au. The program consisted of geologic mapping and prospecting with more specific systematic soil and bulk sampling. The source of the gold anomaly was determined to be the Amphitheatre Formation, and a paleoplacer origin has been speculated. Base metal geochemical anomalies have also been detected in the underlying rocks.

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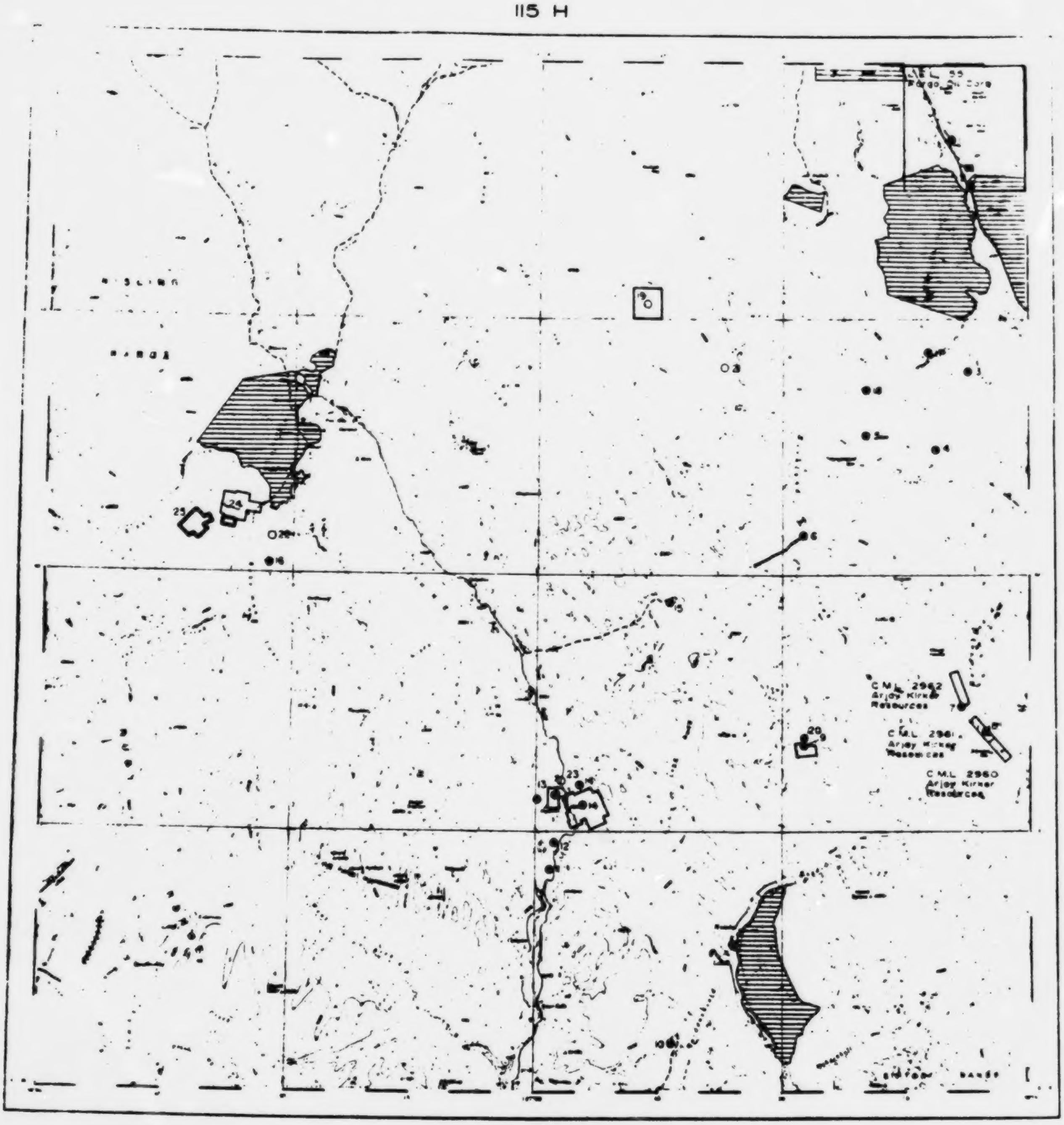
PICK
Noranda Exploration Co. Ltd. (N.P.L.)

115 F 16 (67)
(62°56'N, 140°17'W)

Claims 1985: PICK 1-10

Preliminary Map Only


115 H
CEL 55
Fargo Oil Corp
CML 2962
Arjay Kirker Resources
CML 2961
Arjay Kirker Resources
CML 2960
Arjay Kirker Resources
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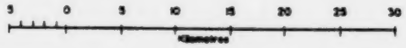
AISHIHIK LAKE
YUKON TERRITORY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25
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Kilometres

▤	Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)		
●	Mineral Deposit or Occurrence see Key on facing page	▬	Placer Leases in good standing (Jan. 1984)
○	Unmineralized Target		Placer Claims in good standing (Jan. 1984)
☐	Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983	CEL	Coal Exploration License
☐	Mineral Claims staked in 1983	CML	Coal Mining Lease
- - - -	Tote Trail		
───	Driveable Road		
	Oil or Gas Well		
▬	Airstrip		

AISHIHIK LAKE MAP-AREA (NTS 115 H)

General Reference: GSC Map 17-1973 and Paper 73-41 by: D.J. Tempelman-Kluit, 1974a.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	LOSCH	Work Target	115 H 16	7	This Report
2	ANDESITE	Coal, Occurrence U	115 H 16	7	D.I.A.N.D. (1983, p. 197-198)
3	AH	Vein Cu	115 H 9	7	
4	MACK'S	Skarn Cu	115 H 9	7	Craig and Milner (1975, p. 80-81)
5	SNIPE	Vein Cu	115 H 9	7	
6	KIRK	Vein Cu	115 H 9	7	
7	VOWEL	Work Target	115 H 8		Cairnes (1908, p. 10-15)
8	DIVISION	Coal	115 H 8	7	
9	LION	Porphyry Mo Pb	115 H 8	7	
10	MORAINE	Skarn Cu W	115 H 2	7	D.I.A.N.D. (1981, p. 258); D.I.A.N.D. (1983, p. 197)
11	GILTANA	Work Target	115 H 2	9	D.I.A.N.D. (1981, p. 258)
12	AISHIHIK	Skarn Cu Fe	115 H 2	7	Sinclair and Gilbert (1975, p. 69-70); D.I.A.N.D. (1981, p. 258)
13	JANISIW	Skarn Cu	115 H 7	6	D.I.A.N.D. (1982, p. 213)
14	HOPKINS (ML)	Skarn Cu Fe Au	115 H 7	6	Morin *et al* (1980, p. 46); D.I.A.N.D. (1986, p. 14)
15	SATO	Porphyry Cu Mo	115 H 7	7	Craig and Milner (1975, p. 88-89)
16	SEKULMUN	Skarn Zn Pb (Ag Sn)	115 H 12	7	
17	ORLOFF	Vein Au	115 H 9	7	D.I.A.N.D. (1982, p. 213)
18	SHAD	Vein Cu	115 H 9	7	
19	BUFFALO	Work Target	115 H 15	9	D.I.A.N.D. (1981, p. 258)
20	BUN	Work Target	115 H 8	7	Morin *et al* (1977, p. 167)
21	TOSH	Work Target	115 H 10	9	Morin *et al* (1980, p. 46)
22	SEK	Work Target	115 H 12	9	Morin *et al* (1980, p. 47)
23	SIDE	Work Target	115 H 7	9	D.I.A.N.D. (1982, p. 213)
24	HATCH	Vein Au Ag Pb Zn	115 H 12	7	D.I.A.N.D. (1986, p. 182)
25	HIK	Vein Au	115 H 12	7	D.I.A.N.D. (1986, p. 183)
26	ITTLE	Work Target	115 H 3	9	D.I.A.N.D. (1986, p. 185)
27	RAM TWO	Work Target	115 H 9	9	D.I.A.N.D. (1986, p. 185)
28	SNAP	Work Target	115 H 9, 10	9	This Report
29	AL	Vein Au	115 H 12	7	D.I.A.N.D. (1986, p. 184)

LOSCH
A. Carlos

Work Target
115 H 16 (1)
($61^o55'N$, $136^o08'W$)
Whitehorse M.D.

Reference: Cairnes (1910, p.49); D.I.A.N.D. (1986, p.185).

Claims: POWER 1-32

Source: Summary by B. Lueck from assessment report 091660 by A. Carlos.

Current Work and Results:

High gold values in panned concentrates prompted staking and exploration of the Power claims. Prospecting, geologic mapping and rock, soil and pan sampling were done. Lead-zinc float was discovered but the source of gold in placer pan concentrates was not determined.

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SNAP
J.S. Dodge

Work Target
115 H 10 (28)
($61^o33'N$, $136^o34'W$)
Whitehorse M.D.

Reference: D.I.A.N.D. 1986 (p.185).

Claims: SNAP 39-48

Source: Summary by B. Lueck of assessment report 091635 by J.S. Dodge.

Description:

The claims are underlain by a Tertiary volcanic sequence which contains both felsic and mafic volcanics. It has been interpreted by Dodge to represent a collapsed caldera complex.

Hydrothermal alteration around siliceous veins is argillic. Vein materials are chalcedony and quartz, which often surround silicified breccia fragments with a drusy or crustiform habit.

No significant mineralization has been discovered following chip sampling of vein material in 1984. Mercury anomalies up to 400 ppb are reported from these samples.

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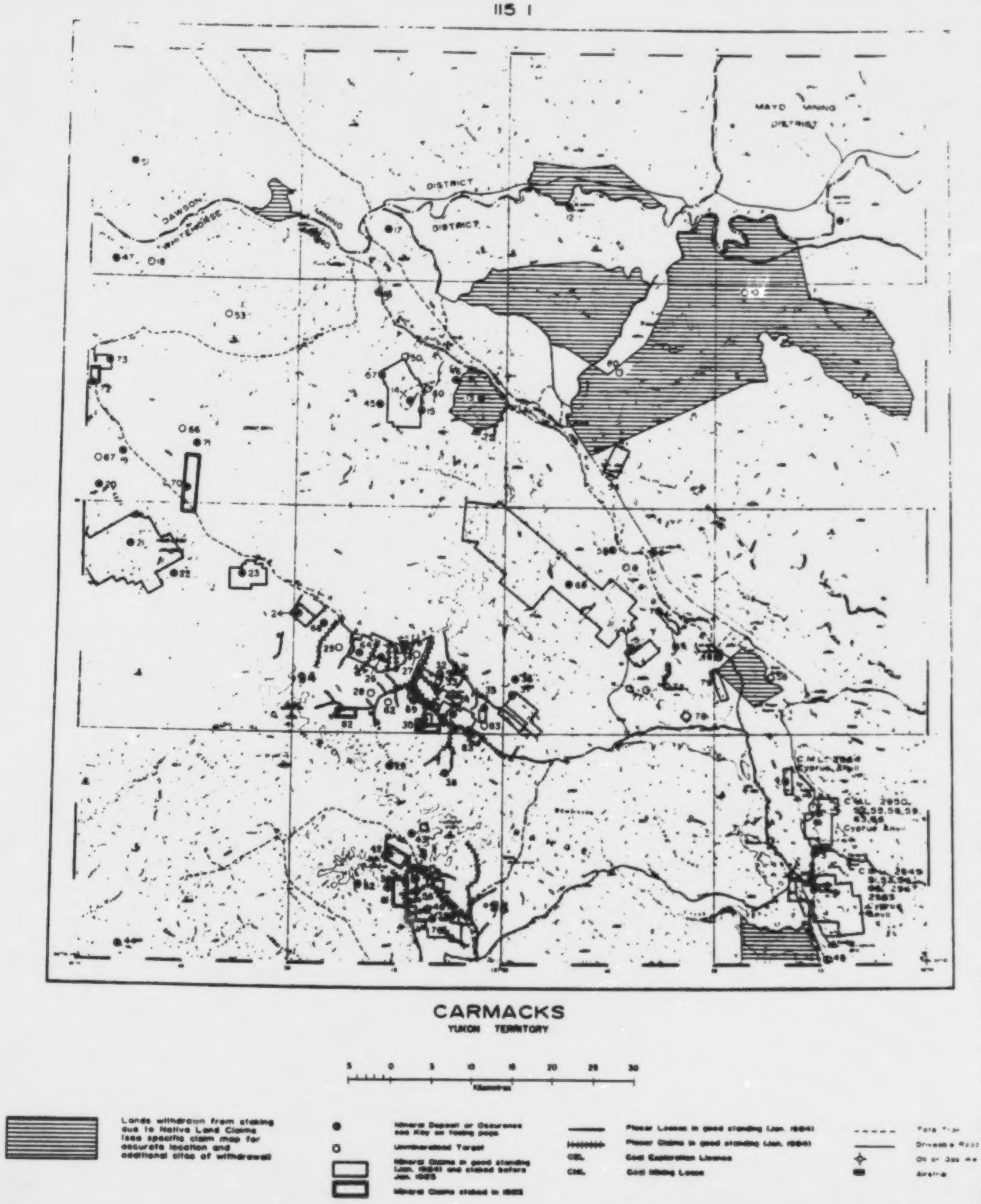
115 I

Preliminary Map Only


115 I
DAWSON
WHITEHORSE
MINING
DISTRICT
DISTRICT
MAYO MINING DISTRICT
CML 2950
Cyprus Anvil
CARMACKS
YUKON TERRITORY
5 0 5 10 15 20 25 30
Kilometres
Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
Mineral Deposit or Occurrence see Key on facing page
Unmineralized Target
Mineral Claims in good standing (Jan. 1984) and staked before Jan. 1983
Mineral Claims staked in 1983
Placer Leases in good standing (Jan. 1984)
Placer Claims in good standing (Jan. 1984)
CEL Coal Exploration Licence
CML Coal Mining Lease
Tote Trail
Driveable Road
Oil or Gas Well
Airstrip

CARMACKS MAP-AREA (NTS 115 I)

General Reference: GSC Open File 1101 by: D.J. Tempelman-Kluit, 1984.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	SOUTH TANTALUS	Coal	115 I 1	7	Findlay (1967, p. 89)
2	TANTALUS MINE	Coal	115 I 1	4	Cairnes (1910, p. 59-63); Bostock (1936, p. 58-59)
3	TANTALUS BUTTE	Coal	115 I 1	3	Cairnes (1910, p. 52-53); Findlay (1969a, p. 114); Sinclair et al (1975, p. 168)
4	FIVE FINGERS	Coal	115 I 1	7	Bostock (1936, p. 62-63)
5	WILLIAMS CREEK	Vein, Replacement Cu	115 I 7	3	Sinclair (1977, p. 80-81 in Morin et al , 1977)
6	MERRICE	Vein Cu	115 I 7	7	Brock (1910, p. 14-26)
7	BONANZA KING	Vein Cu	115 I 7	7	Green (1966, p. 42-44)
8	MAUD	Work Target	115 I 7	9	
9	HOOCHEKOO	Work Target	115 I 7	9	Dawson (1889, p. 145 B)
10	TOWHATA	Work Target	115 I 9	9	Bostock (1936, p. 63)
11	NEEDLEROCK	Coal	115 I 16	7	McConnell (1903, p. 31, 38)
12	BRADENS CANYON	Vein, Replacement Cu	115 I 15	7	Carriere et al (1981)
13	COIN	Work Target	115 I 11	9	Sinclair and Gilbert (1975, p. 48-49)
14	MINTO	Unclassified Cu Ag Au	115 I 11	2	This Report
15	PAL	Unclassified Cu Ag Au Mo	115 I 11	7	Sinclair et al (1975, p. 100-101)
16	GRENIER	Work Target	115 I 11	9	Bostock (1936, p. 63)
17	PELLY	Porphyry Cu Mo	115 I 14	7	D.I.A.N.D. (1982, p. 216)
18	MINNESOTA	Work Target	115 I 13	9	
19	TAD	Porphyry Cu Mo	115 I 12	6	Craig and Milner (1975, p. 77-79); D.I.A.N.D. (1982, p. 219)
20	PHELPS	Work Target	115 I 12	9	Craig and Laporte (1972, p. 71-72)
21	FROG	Vein Ag Pb	115 I 5	7	D.I.A.N.D. (1985, p. 252)
22	STARBIRD	Work Target	115 I 5	9	Craig and Milner (1975, p. 70-71)
23	CASH	Porphyry Cu Mo	115 I 5	2	This Report
24	KLAZAN	Porphyry Au Cu Mo	115 I 6, 5	6	D.I.A.N.D. (1983, p. 201-202); This Report
25	COM	Work Target	115 I 6	9	
26	REVENUE	Breccia Cu Au	115 I 6	6	D.I.A.N.D. (1982, p. 217)
27	COMBO	Work Target	115 I 6	9	Craig and Laporte (1972, p. 83-84); D.I.A.N.D. (1986, p. 190)
28	BOW	Work Target	115 I 6	9	Craig and Laporte (1972, p. 82-83)
29	LIL	Vein Au Ag	115 I 3	7	

30 CARIBOU CREEK	Vein Au Ag	115 I 6	4	Bostock (1939, p. 15-16); Sinclair et al (1975, p. 118-119); D.I.A.N.D. (1985, p. 255)
31 KOOK (CAR)	Work Target	115 I 6	9	Sinclair et al (1975, p. 117-118)
32 RED FOX	Vein Ag Pb	115 I 6	7	D.I.A.N.D. (1981, p. 261); This Report
33 GUDER (ANTONIUK)	Skarn, Vein Au	115 I 6	7	D.I.A.N.D. (1981, p. 261)
34 LAFORMA	Vein, Porphyry Au Ag	115 I 6	7	D.I.A.N.D. (1985, p. 254); This Report
35 EMMONS HILL	Vein Au Ag Sb Ba	115 I 6	3	Johnston (1937, p. 19-20); Craig and Laporte (1972, p. 73-79)
36 GRANITE MOUNTAIN	Vein, Replacement Cu Mo	115 I 7	6	Findlay (1969a, p. 34-35)
37 TINTA HILL	Vein Au Ag Pb Zn Cu	115 I 7	2	Skinner (1961, p. 35-36); Sinclair et al (1975, p. 120-121; D.I.A.N.D. (1982, p. 219)
38 FOSTER	Work Target	115 I 3	9	Bostock (1937, p. 10-11); D.I.A.N.D. (1986, p. 190)
39 BROWN McDADE	Vein Au Ag	115 I 3	2	Findlay (1969b, p. 23)
40 MT. NANSEN (WEBER, HUESTIS)	Vein Au Ag Pb Zn	115 I 3	3	Morin et al (1977, p. 167-168)
41 CYPRUS	Porphyry Cu Mo	115 I 3	7	D.I.A.N.D. (1981, p. [illegible]); This Report
42 ESANSEE	Vein Ag Au Pb Zn	115 I 3	7	D.I.A.N.D. (1982, p. 217); D.I.A.N.D. (1983, p. 201, 203)
43 DIVIDE	Vein Au Ag	115 I 3	7	This Report
44 MALONEY	Porphyry Cu Mo	115 I 4	7	Craig and Laporte (1982, p. 77-78); This Report
45 COMANCHE	Vein Cu	115 I 11	6	Sinclair et al (1975, p. 101-102)
46 NORTHAIR (AL)	Work Target	115 I 11	9	Sinclair et al (1975, p. 107)
47 IUF	Work Target	115 I 13	9	Sinclair et al (1975, p. 95)
48 CROSSING	Vein Cu	115 I 8	7	
49 EWING	Work Target	115 I 1	9	
50 ORI (MAC)	Work Target	115 I 11	9	Sinclair et al (1975, p. 108-109)
51 KERR	Porphyry Mo Cu	115 I 13	7	
52 LONELY	Vein Cu	115 I 3	7	
53 SAM	Work Target	115 I 12	9	Sinclair et al (1976, p. 146; 1986, p. 190)
54 McCABE	Work Target	115 I 10	9	D.I.A.N.D. (1986, p. 191); This Report
55 RINK	Work Target	115 I 8	9	McConnell (1903, p. 37-52)
56 GOULTER	Vein Au Ag	115 I 3	7	
57 GIANT (NAVAJO)	Unclassified Cu	115 I 11	6	Sinclair et al (1975, p. 102-103)
58 BLUFF	Work Target	115 I 7	9	Sinclair et al (1975, p. 122-123)

59	RUSK	Porphyry Cu Mo	115 I 3	7	Sinclair and Gilbert (1975, p. 38-39)
60	BOYLEN (SUN)	Work Target	115 I 11	9	Sinclair et al (1975, p. 103)
61	HLAVAY	Coal	115 I 6	9	Sinclair and Gilbert (1975, p. 120-121)
62	LETA	Work Target	115 I 6	9	D.I.A.N.D. (1981, p. 262)
63	DART	Work Target	115 I 6	9	This Report
64	NUCLEUS	Porphyry Au	115 I 6	6	D.I.A.N.D. (1986, p. 189, 190)
65	STU	Unclassified Cu	115 I 11	6	D.I.A.N.D. (1983, p. 204)
66	MUT	Work Target	115 I 12	9	D.I.A.N.D. (1981, p. 263)
67	NIT	Work Target	115 I 12	9	D.I.A.N.D. (1982, p. 218-219; 1986, p. 191); This Report
68	ROC	Work Target	115 I 6	9	Morin et al (1977, p. 172)
69	ZIT	Porphyry Cu Au	115 I 6	7	D.I.A.N.D. (1982, p. 218, 219)
70	PANTHER	Vein Au	115 I 12	7	Sinclair et al (1976, p. 142)
71	RAINBOW	Vein Au	115 I 12	7	D.I.A.N.D. (1985, p. 253)
72	NADA	Work Target	115 I 12	9	D.I.A.N.D. (1985, p. 255)
73	SELKIRK	Work Target	115 I 12	9	Sinclair et al (1976, p. 145)
74	ACE	Work Target	115 I 7	9	D.I.A.N.D. (1982, p. 219)
75	FED	Work Target	115 I 11	9	Morin et al (1977, p. 177)
76	DD	Work Target	115 I 3	9	D.I.A.N.D. (1982, p. 219); This Report
77	AL	Work Target	115 I 7	9	D.I.A.N.D. (1983, p. 204)
78	POON	Vein Cu	115 I 7	7	D.I.A.N.D. (1983, p. 203-204)
79	TOOT	Vein Cu	115 I 8	7	D.I.A.N.D. (1983, p. 203-204)
80	DOME	Work Target	115 I 10	9	D.I.A.N.D. (1983, p. 204)
81	J.BILL	Work Target	115 I 3	9	This Report
82	KING	Work Target	115 I 6	9	D.I.A.N.D. (1985, p. 255)
83	GOLDY	Work Target	115 I 3, 6	9	D.I.A.N.D. (1985, p. 255; 1986, p. 190); This Report
84	ROW	Work Target	115 I 3	9	This Report
85	SHACK	Work Target	115 I 6	9	D.I.A.N.D. (1986, p. 190)
86	KEN	Work Target	115 I 6	9	D.I.A.N.D. (1986, p. 191)
87	NEK	Work Target	115 I 6	9	D.I.A.N.D. (1986, p. 191)
88	ERIC	Work Target	115 I 6	9	D.I.A.N.D. (1986, p. 191)
89	MAY	Work Target	115 I 6	9	D.I.A.N.D. (1986, p. 191)
90	HILLTOP	Work Target	115 I 6	9	D.I.A.N.D. (1986, p. 191)
91	DY	Work Target	115 I 6	9	D.I.A.N.D. (1986, p. 191)
92	POP	Work Target	115 I 11	9	D.I.A.N.D. (1986, p. 191)
93	EYM	Work Target	115 I 6	9	This Report
94	ERL	Work Target	115 I 5, 6	9	This Report
95	ROBERT	Work Target	115 I 3	9	This Report
96	CLIFFSIDE	Work Target	115 I 1	9	This Report

MINTO
United Keno Hill Mines

Cu, Ag, Au
Unclassified
115 I 11 (14)
(62°38'N, 137°15'W)
Whitehorse M.D.

Reference: Sinclair *et al* (1975, p.96-100).

Claims: DEF 1-87

Source: Summary by B. Lueck of assessment report 091654 by R. Rychlewski.

Description:

Copper mineralization with minor gold and silver occurs in gneissic rocks of the Klotassin Batholith as chalcopyrite and bornite with minor malachite and azurite.

Current Work and Results:

Five rotary reverse circulation drill holes were sunk, totalling 520m in the northern corner of claim DEF 63. Cuttings were bagged every 3m and analyzed for gold, copper, zinc and silver. Average copper grades for each hole are as follows:

DRILL HOLE NO.	Cu(%)
DEF 84-1	.077
DEF 84-2	.018
DEF 84-3	.016
DEF 84-4	.011
DEF 84-5	.021

All holes averaged 0.069 g/t Au (0.002 oz/ton), 0.69 g/t Ag (0.02 oz/ton) and 0.01% Zn.

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CASH
Archer Cathro & Associates
(1981) Ltd.

Cu, Mo
Porphyry
115 I 5 (23)
(62°25'N, 137°38'W)
Whitehorse M.D.

Reference: Sinclair et al (1981, p.67-76); Sinclair et al (1975, p.111-112); D.I.A.N.D. (1986, p.190).

Claims: CASH 1-13; FOX 1,23; BEAR 5

Source: Summary by D.S. Emond from assessment report 091619 by M.P. Phillips.

History:

The occurrence was originally staked in 1969 as the JOHNNY and CASH claims, and silt sampling and mapping were performed in 1970. The property was restaked in 1974 by two separate groups and split into west and east halves (the east consisting of the BEAR and FOX claims). That year, grid soil sampling and magnetic surveys and hand pitting were performed on the property. In 1975, 12 drill holes totalling 1026.5m were drilled on the west half, an airstrip constructed on the east, and an IP survey was done jointly over the property. In 1976, the Klotassin Joint Venture (Newconex Canada Exploration Ltd., Marietta Resources International Ltd. and Molybdenum Corporation of America), owners of the eastern part, optioned the western portion and drilled eight holes totalling 858.2m the following year.

Archer Cathro acquired the BEAR and FOX claims in 1981 when the Klotassin Joint Venture disbanded. By 1984, only three claims had not lapsed and in July, they added the 13 CASH claims to cover a soil, silt and rock gold anomaly.

Description:

The property straddles the contact of Paleozoic schists and gneisses with the Mid-Cretaceous granodiorite and feldspar porphyry intrusive complex that trends west-northwesterly from Freegold Mountain to Prospector Mountain (34 km) (Figure 1). The trend of this intrusive contact is parallel to the regional tectonic fabric and the Big Creek Fault (just north of the property).

Rocks over most of the property have been subject to pervasive phyllic and argillic alteration. Alteration is most intense in the feldspar porphyry dykes but is also extensive in the granodiorite and metamorphic rocks (Figure 1). Minor skarn occurs in the metamorphic rocks and ranges from pale calc-silicate horizons to a 15m (diameter) massive magnetite body.

Work in the 1970's outlined a 900 x 250m copper-molybdenum soil geochemical anomaly surrounded by a halo of anomalous lead, zinc, silver and gold values. Drilling at 500m centres tested the area, and the average of 16 holes gave a grade of 0.17% Cu, and 0.018% MoS_2. The "porphyry" type mineralization is associated with the Mid-Cretaceous feldspar porphyry dykes and plugs.

Current Work and Results:

In 1984, a review was made of geochemistry and geophysics done in 1974 by Klotassin. In September two bulldozer trenches were cut on the east bank of Styan Creek (Figure 1) to test the west end of the soil gold geochemical anomaly. One trench exposed syenite cut by porphyry dykes. Adjacent to the dykes, syenite is strongly propylitized and minor chalcopyrite, malachite and azurite with traces of molybdenite and magnetite occur as disseminations within the syenite. The second trench exposed two phases of feldspar porphyry which are phyllitized. Disseminated pyrite and chalcopyrite occur with chlorite in the porphyries.

Chip samples from the trenches returned consistently strong anomalous gold values in the range of 79 to 253ppb Au, with strong copper and molybdenum values (110-2300ppm Cu and 21-131ppm Mo). All other metals were background to weakly anomalous.

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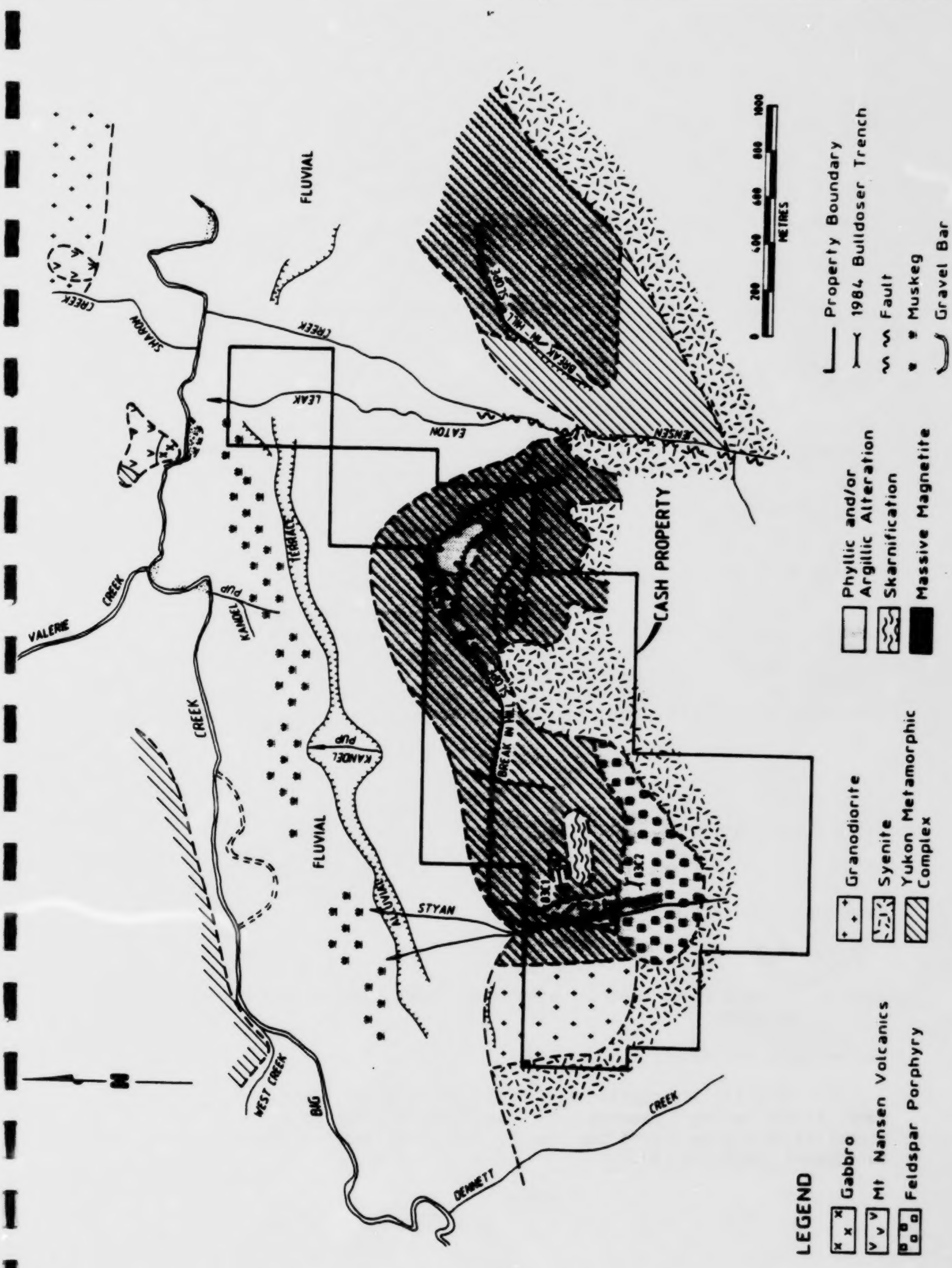
N
VALERIE CREEK
SHARON CREEK
LEAK CREEK
EATON
JENSEN
FLUVIAL
TERRACE
KANDEL PUP
STYAN
ALLUVIAL
BIG CREEK
WEST CREEK
DENNETT CREEK
CASH PROPERTY
BREAK IN HILL SLOPE
DX1
DX2
0 200 400 600 800 1000
METRES
LEGEND
Gabbro
Mt Nansen Volcanics
Feldspar Porphyry
Granodiorite
Syenite
Yukon Metamorphic Complex
Phyllic and/or Argillic Alteration
Skarnification
Massive Magnetite
Property Boundary
1984 Bulldoser Trench
Fault
Muskeg
Gravel Bar

Figure 1. - GEOLOGY OF THE CASH PROPERTY

DIVIDE

Kerr Addison Mines Ltd.

Au
Vein
115 I 3 (43)
(62°09'N, 137°10'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.188,190).

Claims: VIC 1-25, 27-118; VG 1-8

Source: Summary by B. Lueck of assessment report 091726 by C. Baldys and D. Arscott.

Description:

Hydrothermal quartz veins are hosted by Mesozoic intrusive rocks cut by numerous felsic porphyry dykes. Two types of gold mineralization occur in this environment: 1) massive to drusy quartz veins in altered hornblende granite porphyry and 2) massive to drusy quartz and chalcedony stockwork breccia veins within the rhyolite and rhyolite porphyry dykes. Alteration is argillic or sericitic with variable amounts of hematite, limonite and manganese oxides.

Current Work and Results:

The 1985 work program consisted of mapping and sampling of trenches over both the War Zone and the North Zone, baseline cutting and soil grid establishment, as well as reconnaissance prospecting. Trenches on the property were sampled.

No anomalies were detected over heavily mineralized trench zones and soil sampling results were considered to be inconclusive.

*****

DART

Noranda Exploration Co. Ltd. (N.P.L.)

Work Target
115 I 6 (63)
(62°16'N, 137°03'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1981, p.262).

Claims: DART 1-6

Source: Summary by B. Lueck of assessment report 091785 by M.P. Webster.

Current Work and Results:

Work in 1985 consisted of hand trenching, soil and rock sampling and geologic mapping. Only very weak Au, Ag and Zn anomalies were detected in one trench. All other samples showed background concentrations.

*****

J. BILL
G.F. Dickson

Work Target
115 I 3 (81)
(62°05'N, 137°11'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1985, p.225; 1986, p.190).

Claims: WEDGE 5-10, 15

Source: Summary by B. Lueck of assessment report 091658 by M. Anderson (Prochem Ltd.).

Description:

The Wedge claims are located about 10 km past Mt. Nansen by road. They cover a contact zone between diorite-granodiorite and later rhyolitic quartz-feldspar porphyrys.

Current Work and Results:

The 1985 work program consisted of a geophysical VLF-EM survey followed by trenching and geochemical sampling of anomalous zones. Several sub-parallel, moderate conductors were found which, when trenched and sampled, were found to be gold bearing. Soil samples and rock chips were analyzed for Au,Ag, As, Sb, Cu, Zn and Pb. Values range from 3 ppb to 1562 ppb Au with 0.5 ppm to 14 ppm Ag.

*****

ROW
Noranda Exploration Co. Ltd. (N.P.L.)

Work Target
115 I 3 (84)
(62°10'N, 137°05'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.190).

Claims: ROW 1-24

Source: Summary by B. Lueck of assessment report 091787 by M.P. Webster.

Description:

The Row claims are situated 40 km west of Carmacks on Victoria Mountain. The property is underlain by biotite schists of the Yukon Cataclastic Complex which were deformed in the Mesozoic. These are locally intruded by hornblende diorite and monzonite and overlain by Cretaceous Carmacks Group Volcanics (Nelson, 1986).

Current Work and Results:

A program of soil and silt sampling, trenching, geological mapping and prospecting was carried out in 1985.

Seven trenches were dug but bedrock was not encountered. Consequently, anomalous Pb, Zn and Ag soil samples have yet to be explained. No gold values were encountered when soils were analyzed.

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ROW
Noranda Exploration Co. Ltd. (N.P.L.)

Work Target
115 I 3 (84)
(62°10'N, 137°05'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.190).

Claims: ROW 1-24

Source: Summary by B. Lueck of assessment report 091642 by S. A. Mackenzie.

Current Work and Results:

A program of geologic mapping and grid soil and silt sampling was done in 1984. A total of 246 soil, 15 silt and 11 rock samples were collected and analyzed for Cu, Pb, Zn, Ag and As. The soil grid shows four weakly anomalous Ag-Cu-Pb-Zn zones. Silver values range from 0.8 ppm Ag to 1.8 ppm Ag.

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CLIFFSIDE AGATE 115 I 1 (96)
F. Dorward (62°10'N,136°18'W)

Claims 1985: CLIFFSIDE AGATE

CYPRUS 115 I 3 (41)
Archer, Cathro & Associates (1981) Ltd. (62°06'N,137°13'W)

Claims 1985: JBR 1-8, ONE 1

DD 115 I 3 (76)
Archer, Cathro & Associates (1981) Ltd. (62°02'N,137°05'W)

Claims 1985: ICT 1-36

MALONEY 115 I 4 (44)
Archer, Cathro & Associates (1981) Ltd. (62°00'N,137°55'W)

Claims 1985: ALO 1-50

GOLDY 115 I 3,6 (83)
R. Granger (62°15'N,137°03'W)

Claims 1985: GOLDY A-J; G.F.I.; GOLDY 21-36; BRAD 7-10, 1-4 Fr.

RED FOX 115 I 6 (32)
R. Granger (65°17'N,137°12'W)
Claims 1985: MAY 1,3; RAG 25,26

EYM 115 I 6 (93)
Archer, Cathro & Associates (1981) Ltd. (65°20'N,137°10'W)

Claims 1985: EYM 17-32, 47-81; ACK 1-39

KLAZAN 115 I 5,6 (24)
Archer, Cathro & Associates (1981) Ltd. (62°24'N,137°28'W)

Claims 1985: NITRU 25-50

CASH 115 I 5 (23)
Archer, Cathro & Associates (1981) Ltd. (62°25'N,137°37'W)

Claims 1985: CASH 14-20; NEX 3-16, 21-30, 41-50; NAC 1-28, 41-68

ERL 115 I 5,6 (94)
Archer, Cathro & Associates Ltd. (62°20'N,137°30'W)
(1981) Ltd.

Claims 1985: ERL 1-2, 74

LAFORMA 115 I 6 (34)
G. Byrne, G. Harris (62°17'N,137°10'W)

Claims 1985: RICK 1-14, 15-23; CABBAGE 1,2, 3-10,13,14, 17-24; GREENSTONE 7-10

NIT 115 I 12 (67)
Archer, Cathro & Associates (62°32'N,138°00'W)
(1981) Ltd.

Claims 1985: ITN 1-65; SIL 1-6; TRE 1-4

ROBERT 115 I 3 (95)
G. Dickson (62°05'N,137°02'W)

Claims 1985: ROBERT 1-54

McCABE 115 I 10 (54)
G. Harris, D. Baird (62°33'N,136°45'W)

Claims 1985: LTR 1-8, 17-32, 33-40

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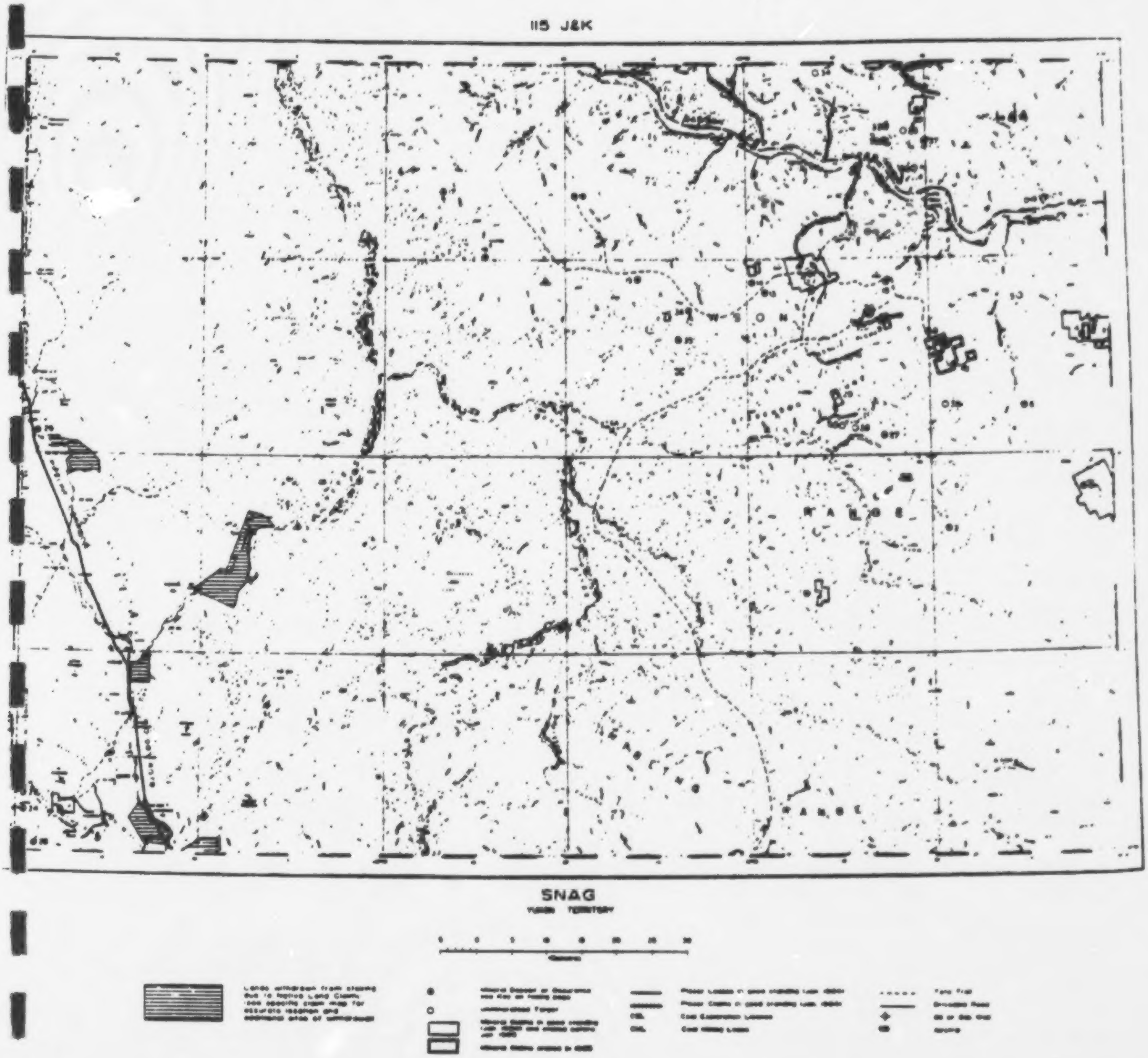
115 J-K

Preliminary Map Only


115 J&K
DAWSON
RANGE
RANGE
SNAG
YUKON TERRITORY

SNAG MAP-AREA (NTS 115 J-K)

General Reference: GSC Map 10-1973 and Paper 73-41 by: D.J. Tempelman-Kluit, 1974a.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	KLOT	Porphyry Cu Mo	115 J 7	7	Morin et al (1978, p. 72)
2	SUMME	Porphyry Cu Mo	115 J 8	7	Craig and Laporte (1972, p. 72)
3	PRIDE	Vein Cu	115 J 8	7	
4	HAYES (SWEDE)	Vein Au Ag	115 J 9	7	This Report
5	SELWYN	Work Target	115 J 9	9	Bostock (1944)
6	CROCK	Work Target	115 J 9	9	Craig and Laporte (1972, p. 68), This Report
7	COCKFIELD	Porphyry Cu Mo	115 J 9	7	D.I.A.N.D. (1981, p. 265)
8	CO	Porphyry Cu Mo	115 J 9, 10	7	D.I.A.N.D. (1981, p. 266); This Report
9	RUDE CREEK	Vein Ag Pb Zn	115 J 10	7	Cockfield (1928, p. 11-13); Craig and Laporte (1972, p. 63)
10	NORDEX	Vein Ag Pb	115 J 10	7	
11	BOMBER	Vein Ag Pb Zn	115 J 10	7	Findlay (1967, p. 32-34)
12	CASINO	Porphyry Cu Mo	115 J 10	2	Craig and Laporte (1972, p. 55-57); This Report
13	AZTEC	Work Target	115 J 10	9	Craig and Laporte (1972, p. 54-55)
14	ZAPPA	Porphyry Cu Mo	115 J 10	7	D.I.A.N.D. (1981, p. 266, 267); This Report
15	BOREAL	Work Target	115 J 11	9	Craig and Laporte (1972, p. 42-44)
16	BID	Work Target	115 J 13	9	Craig and Laporte (1972, p. 38-39)
17	VINA	Work Target	115 J 13	9	Craig and Laporte (1972, p. 35-37)
18	TONI TIGER	Skarn Cu Fe	115 J 14	7	Craig and Laporte (1972, p. 40-41)
19	MARGUERITE	Work Target	115 J 15	9	Craig and Laporte (1972, p. 51-52)
20	SCROGGIE	Disseminated Cu Mo	115 J 15	7	D.I.A.N.D. (1981, p. 266)
21	ONION	Mafic/ultramafic associated Ni Cu Mo	115 K 2	7	
22	NUTZOTIN	Skarn Cu Fe	115 K 2	7	D.I.A.N.D. (1983, p. 207)
23	CALIFORNIA	Vein Au	115 K 2	7	Cairnes (1915, p. 123)
24	TRUDI	Porphyry Cu Mo	115 K 2	7	
25	RIP	Vein Cu	115 K 2	7	Cairnes (1915, p. 121-122)
26	BATRICK	Vein Mn	115 K 10	5	Bostock (1952, p. 44-45)
27	PATTISON (PATT)	Porphyry Cu Mo	115 J 10	7	Sinclair et al (1976, p. 146)
28	BRI	Work Target	115 J 15	9	D.I.A.N.D. (1981, p. 267)
29	STEVENSON	Work Target	115 J 10	9	D.I.A.N.D. (1981, p. 267)

30	LESLIE	Work Target	115 J 10	9	D.I.A.N.D. (1981, p. 267)
31	CHAIR	Work Target	115 K 2	9	D.I.A.N.D. (1981, p. 267; 1983, p. 207; 1986, p. 195)
32	NEF	Work Target	115 J 15	9	D.I.A.N.D. (1981, p. 267)
33	MK	Work Target	115 J 15	9	D.I.A.N.D. (1981, p. 267)
34	HASL	Work Target	115 J 15	9	D.I.A.N.D. (1981, p. 267)
35	DOYLE	Work Target	115 J 11	9	Sinclair et al (1976, p. 147)
36	COFFEE	Work Target	115 J 11	9	Sinclair et al (1976, p. 147)
37	3 2 MANY	Work Target	115 J 15, 16	9	Morin et al (1980, p. 26)
38	WHISKEY JOE	Work Target	115 J 10	9	D.I.A.N.D. (1982, p. 221)
39	WOE	Work Target	115 J 9	9	D.I.A.N.D. (1982, p. 221)
40	PAT	Work Target	115 J 10	9	D.I.A.N.D. (1982, p. 221)
41	KOE	Work Target	115 J 9	9	This Report
42	McDISCOVERY	Work Target	115 J 14	9	D.I.A.N.D. (1986, p. 42)
43	L'SHRA	Work Target	115 J 16	9	D.I.A.N.D. (1986, p. 43)
44	SIZZLER	Work Target	115 J 16	9	This Report

HAYES

Hayes Resources Inc.

Au, Ag
Vein
115 I 12,
115 J 9 (4)
(62°37'N, 138°27'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.194).

Claims: Sam 1-18, 20-35, 37-98, 117-128; Swede 1-6

Source: Summary by B. Lueck of assessment report 091773 by G. Douglas.

Description:

Gold, silver and minor base metal mineralization occurs in sheared, carbonitized and chloritized ultramafic and metasedimentary rocks. Mineralization is spatially associated with felsic porphyry dykes.

Current Work and Results:

The 1985 exploration program focused on the completion of previously started trenches, and the digging of new trenches to test the extension of previously defined mineralized zones. Only minor sulphide mineralization was discovered in the new trenches, although the zone is anomalous in gold and silver in many of the trenched areas. Fine grained sulphides were found in a greenish clay gouge which occurs at the contact between peridotite and quartz-sericite schist. This material provided the best values and in one case assayed 12.4 g/t Au with 165.6 g/t Ag over 1.52 m.

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KOE
Kerr Addison Mines Ltd.

Au, Ag
Vein
115 J 9 (41)
(62°38'N, 138°28'W)
Whitehorse M.D.

Reference: D.I.A.N.D. (1986, p.195).

Claims: KOE 1-44

Source: Summary by B. Lueck of assessment report 091725 by D. Arscott.

Description:

The property is underlain by felsic and intermediate volcanic rocks of Tertiary or Cretaceous age.

Alteration is widespread in the volcanics and they are strongly sericitized and pyritized. A large gossan overlies the alteration zone.

Current Work and Results:

Reconnaissance exploration focused on the above mentioned alteration zone. Soil sampling, talus float sampling, trenching and a VLF-EM geophysical survey were done over the area.

The VLF-EM survey defined a major NW trending fault zone. Trenching of this zone revealed silicification with minor clay alteration. The trenches were sampled and analyzed for gold and silver. Results were generally low, the highest coming from float consisting of drusy to massive quartz with arsenopyrite or fault breccia material.

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CASINO
Archer,Cathro & Associates (1981) Ltd.
115 J 10 (12)
(62°44'N,138°53'W)

Claims 1985: ANA 1-56

ZAPPA
Archer, Cathro & Associates (1981) Ltd.
115 J 9 (14)
(62°44'N,138°30'W)

Claims 1985: DAH 1-49

CROCK
Archer, Cathro & Associates (1981) Ltd.
115 J 9,10 (6)
(62°34'N,138°13'W)

Claims 1985: ELW 1-94

CO
Archer, Cathro & Associates (1981) Ltd.
115 J 9,10 (8)
(62°40'N,138°30'W)

Claims 1985: OKE 1-76; HEN 1-88

SIZZLER
Kerr Addison Mines Ltd.
115 J 16 (44)
(62°56'N,138°18'W)

Claims 1985: SIZZLER 1-28

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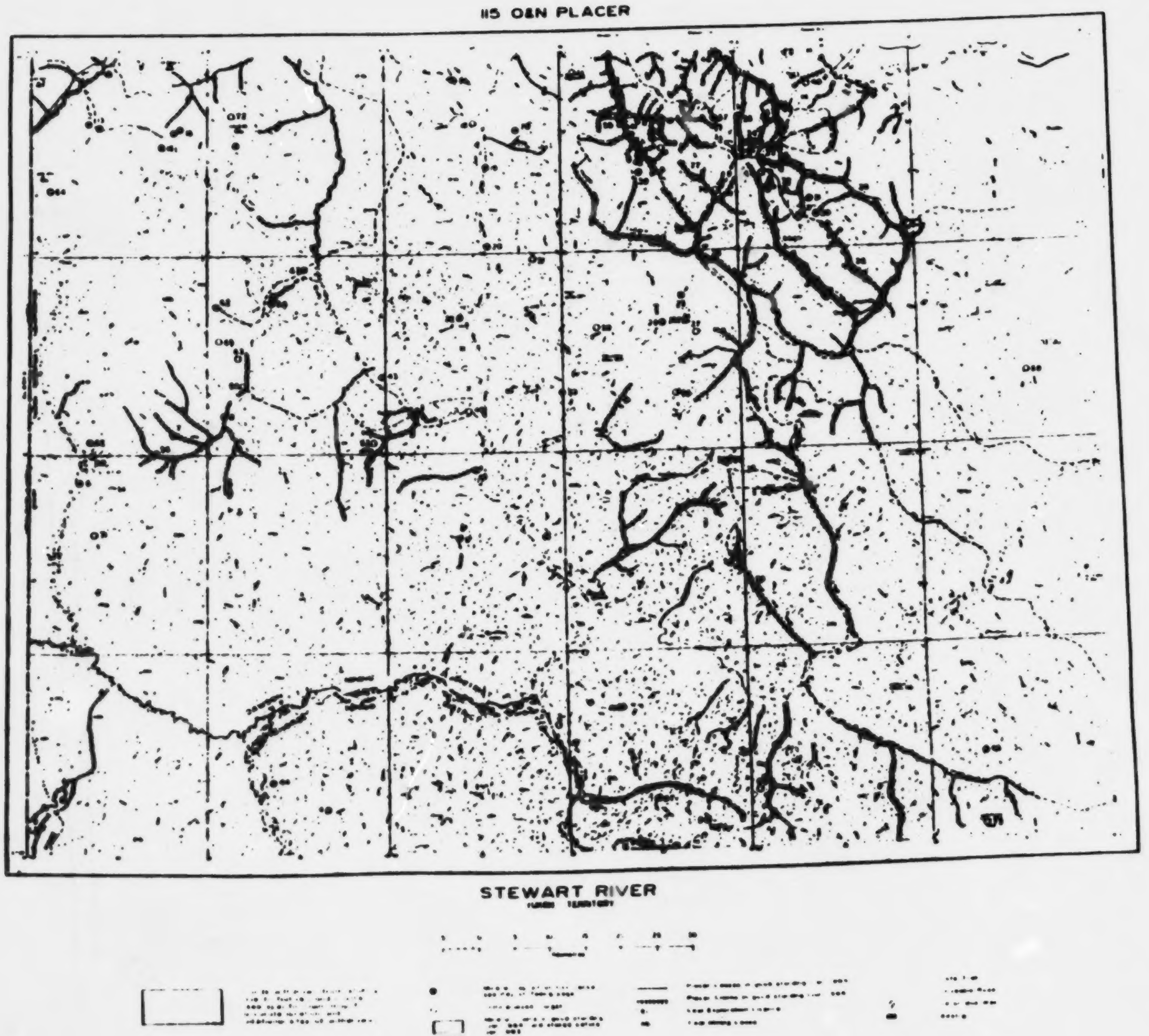
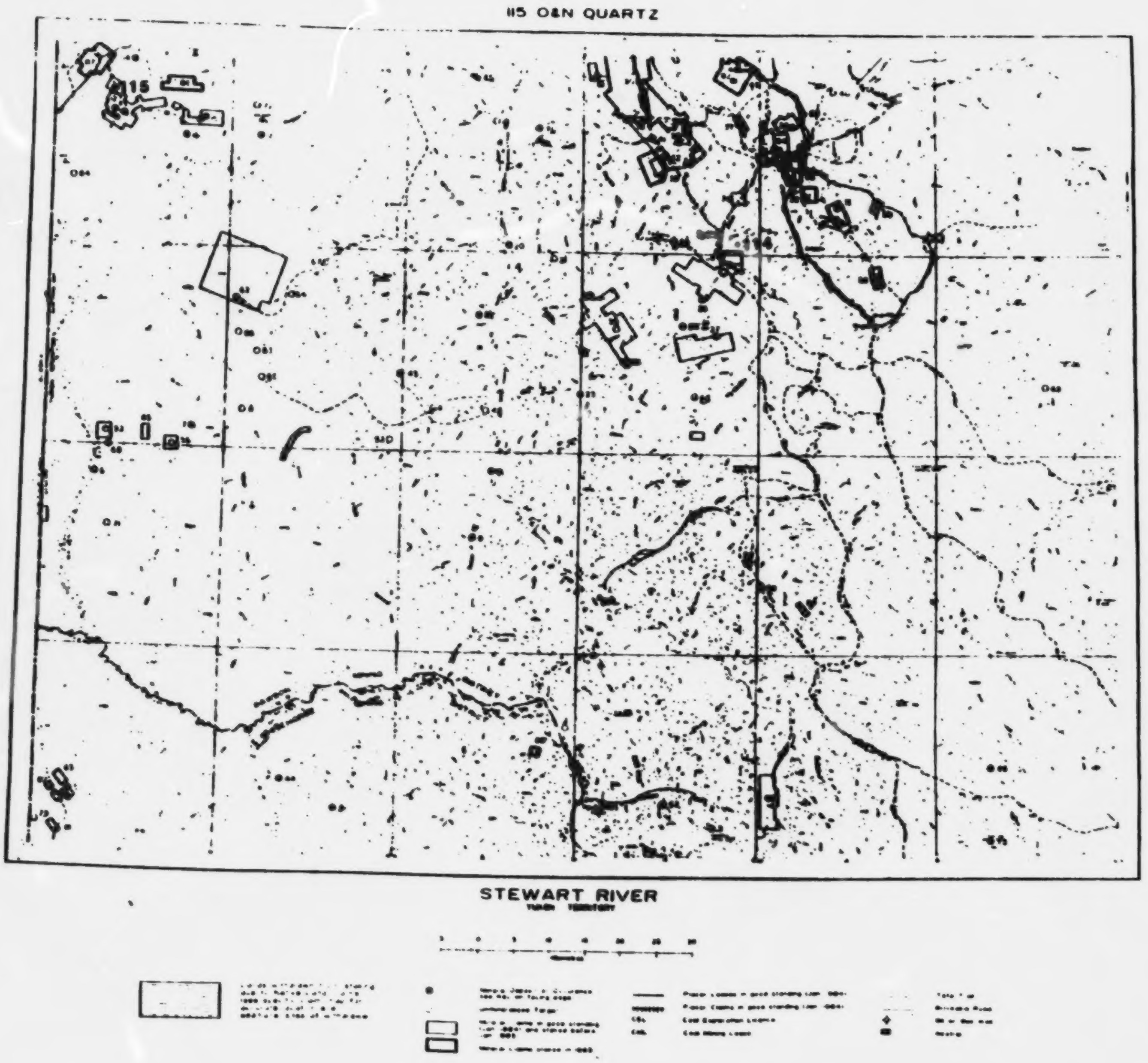
Preliminary Map Only

115 N-0


115 O&N PLACER
STEWART RIVER

Preliminary Map Only


115 O&N QUARTZ
15
STEWART RIVER

STEWART RIVER MAP-AREA (NTS 115 N-O)

General Reference: GSC Map 18-1973 and Paper 73-41 by: D.J. Tempelman-Kluit, 1974a.
GSC Map 711A by: H.S. Bostock, 1942 (for 115 O); Northern Affairs Open File map of 115 O 14, 15 and 116 B 2, 3 by: R.L. Debicki, 1984.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	TREVA	Work Target	115 O 3, 6	9	
2	NORTHERN LIGHTS	Work Target	115 O 4	9	
3	BLACK FOX	Vein Pb Cu	115 O 3	7	Cairnes (1917, p. 33-34)
4	ARIES	Porphyry Cu Mo	115 N 1	7	
5	MOOSEHORN	Vein Au Ag	115 N 2	5	Morin et al (1977, p. 185)
6	LADUE	Porphyry Cu Mo	115 N 7	7	
7	SANTA	Vein Ag Pb Sn	115 N 10	7	
8	SVENN	Work Target	115 N 9	9	Cockfield (1921, p. 52)
9	EXCELSIOR	Work Target	115 O 5	9	MacLean (1914, p. 121)
10	COMET	Work Target	115 O 5	9	
11	TENMILE	Vein Au Ag	115 O 12	7	McConnell (1902, p. 25-39)
12	LUBRA	Vein Ag Pb Au	115 N 15	7	Tempelman-Kluit (1974a, p. 74)
13	CONNAUGHT	Vein Ag Pb Cu Mo	115 N 15	5	D.I.A.N.D. (1982, p. 224)
14	PER	Vein Ag Pb Zn Au	115 N 15	6	Cockfield (1921, p. 52); Green (1966, p. 26-28); D.I.A.N.D. (1986, p. 216); This Report
15	BUTLER	Vein Ag Pb Zn	115 N 15	6	Cockfield (1919, p. 8); Craig and Laporte (1972, p. 32-34)
16	FIFTY	Skarn Cu	115 N 15	7	
17	ENCHANTMENT	Work Target	115 N 16	9	Tempelman-Kluit (1973, p. 48-49)
18	MONTE CHRISTO	Work Target	115 O 13	9	
19	PICKERING	Vein Au	115 O 13	7	MacLean (1914, p. 120)
20	INDIAN	Asbestos	115 O 13	7	
21	BISHOP	Work Target	115 O 12	9	
22	WOOD	Skarn Cu	115 O 12	7	
23	LUCKY JOE (BURMEISTER)	Stratabound discordant Cu	115 O 12, 11	7	D.I.A.N.D. (1981, p. 271); McClintock and Sinclair (1985)
24	HAYSTACK	Work Target	115 O 11	9	MacLean (1914, p. 205)
25	MCKINNON	Consolidated placer Au	115 O 11	7	Lowey (1986, D.I.A.N.D.)
26	RAVEN	Occurrence Cu	115 O 11	7	Morin et al (1980, p. 28); D.I.A.N.D. (1986, p. 215)
27	FOTHERGILL	Work Target	115 O 11	9	
28	AIME	Vein Au	115 O 10	7	D.I.A.N.D. (1986, p. 200); This Report
29	GOLD RUN	Vein Au	115 O 15	7	D.I.A.N.D. (1986, p. 207)
30	PORTLAND	Vein Au	115 O 15	7	D.I.A.N.D. (1986, p. 208)
31	DOMINION	Vein Au Pb	115 O 15	7	D.I.A.N.D. (1986, p. 210)
32	LLOYD	Vein Au	115 O 15	7	D.I.A.N.D. (1986, p. 210)
33	HUNKER DOME	Vein Au	115 O 15	7	
34	MITCHELL	Vein Au	115 O 15	7	D.I.A.N.D. (1983, p. 210-211)

35 FAWCETT	Vein Au Ag	115 0 15	7	D.I.A.N.D. (1986, p. 212)
36 BUM	Vein Ag Cu	115 0 15	7	Gleeson (1970, p. 14-15); Craig and Milner (1975, p. 13)
37 BOX CAR	Vein Au Ag Cu	115 0 14	7	D.I.A.N.D. (1986, p. 202); This Report
38 LONE STAR	Vein Au	115 0 14	3	This Report
39 VIOLET	Vein Au Ag	115 0 14	7	This Report
40 LEOTTA	Work Target	115 0 15	9	
41 RON (HILCHEY)	Vein Au	115 0 14	7	D.I.A.N.D. (1985, p. 264)
42 BUCKLAND	Vein Au Ag	115 0 14	7	Green and Godwin (1963, p. 19); Gleeson (1970, p. 16)
43 SUSTAK	Vein Fe	115 N 9, 115 0 12	7	
44 PROSPECT	Occurrence Cu	115 N 1	7	
45 CRUIKSHANK	Coal	115 0 12	7	
46 MCMICHAEL	Vein Cu	115 0 1	7	
47 GOLDEN ROD	Work Target	115 0 15	9	
48 HEFFRING	Work Target	115 0 14	9	
49 TRILBY	Work Target	115 0 14	9	
50 TORRANCE	Work Target	115 0 14	9	Deblicki (1984)
51 BALD EAGLE	Vein Ba	115 0 14	7	D.I.A.N.D. (1981, p. 271)
52 STEVO	Work Target	115 N 10	9	D.I.A.N.D. (1981, p. 274)
53 FLUME	Work Target	115 N 9	9	D.I.A.N.D. (1981, p. 274)
54 TYRRELL	Work Target	115 N 9	9	D.I.A.N.D. (1981, p. 274); This Report
55 SNIP	Work Target	115 N 9	9	D.I.A.N.D. (1981, p. 274)
56 DOLE	Work Target	115 N 10	9	D.I.A.N.D. (1981, p. 274)
57 THIS	Work Target	115 0 3	9	D.I.A.N.D. (1981, p. 274; 1986, p. 215)
58 MAISY	Work Target	115 0 6, 7	9	D.I.A.N.D. (1981, p. 274)
59 RUBY	Work Target	115 0 11	9	D.I.A.N.D. (1981, p. 274)
60 HUNK	Work Target	115 0 15	9	This Report
61 MT. BRONSON	Vein Pb	115 0 14	7	D.I.A.N.D. (1981, p. 272-273)
62 JOVE	Granite-hosted U	115 N 9	7	D.I.A.N.D. (1981, p. 273)
63 SON	Work Target	115 N 9	9	D.I.A.N.D. (1981, p. 273)
64 CRAG	Breccia U	115 N 15	7	D.I.A.N.D. (1981, p. 273)
65 DOORMAT	Work Target	115 N 9	9	Morin *et al* (1977, p. 138-139)
66 BISMARK	Work Target	115 0 11	9	Morin *et al* (1980, p. 27)
67 HEC-TOR	Work Target	115 N 9	9	Morin *et al* (1980, p. 27)
68 BORD	Work Target	115 N 7, 10	9	Morin *et al* (1980, p. 27)
69 LIL	Work Target	115 0 9	9	Morin *et al* (1980, p. 27)
70 RON	Work Target	115 0 9	9	Morin *et al* (1980, p. 28)
71 BUD	Work Target	115 0 13	9	D.I.A.N.D. (1982, p. 224)
72 MT. HART	Work Target	115 N 7	9	D.I.A.N.D. (1982, p. 224)
73 PYROXENE	Work Target	115 N 16	9	D.I.A.N.D. (1982, p. 224)
74 CIM	Work Target	115 0 1	9	
75 HUNG	Work Target	115 0 14	9	D.I.A.N.D. (1982, p. 224)
76 READFORD	Work Target	115 0 13	9	D.I.A.N.D. (1982, p. 224)
77 EVING	Work Target	115 0 14	9	D.I.A.N.D. (1982, p. 224)
78 ORO	Work Target	115 0 14	9	D.I.A.N.D. (1983, p. 210, 212)
79 LODE	Work Target	115 N 2	9	D.I.A.N.D. (1983, p. 210-212)

80	DL	Work Target	115 O 2	9	D.I.A.N.D. (1985, p. 265); This Report
81	GIT	Work Target	115 N 2	9	D.I.A.N.D. (1985, p. 265)
82	REEF	Work Target	115 N 2	9	D.I.A.N.D. (1986, p. 215)
83	HIT	Work Target	115 N 2	9	D.I.A.N.D. (1985, p. 266)
84	HILL	Work Target	115 N 2	9	D.I.A.N.D. (1985, p. 266)
85	MAT	Work Target	115 N 10	9	D.I.A.N.D. (1985, p. 261)
86	FOXY	Work Target	115 N 15	9	D.I.A.N.D. (1985, p. 266)
87	MOLY	Work Target	115 N 15	9	D.I.A.N.D. (1985, p. 266)
88	VANESSA	Work Target	115 O 4	9	D.I.A.N.D. (1985, p. 266)
89	STAR	Work Target	115 O 6	9	D.I.A.N.D. (1985, p. 261)
90	DAWSYND	Vein Au	115 O 14, 116 B 3	9	D.I.A.N.D. (1986, p. 203, 216)
91	DAWSON	Vein Au	115 O 14	7	D.I.A.N.D. (1985, p. 265; 1986, p. 216)
92	BREMNER	Work Target	115 O 14	9	D.I.A.N.D. (1985, p. 266)
93	KLOOK	Vein Au	115 O 15	7	D.I.A.N.D. (1986, p. 213)
95	HAM	Work Target	115 O 9	9	D.I.A.N.D. (1986, p. 215)
96	LASS	Work Target	115 O 10	9	This Report
97	RUN	Work Target	115 O 10, 15	9	D.I.A.N.D. (1986, p. 215)
98	SUL	Work Target	115 O 10, 15	9	This Report
99	MARGE	Work Target	115 O 10	9	D.I.A.N.D. (1986, p. 215); This Report
100	ANN	Work Target	115 O 11	9	D.I.A.N.D. (1986, p. 216)
101	HAWK	Work Target	115 O 14	9	D.I.A.N.D. (1986, p. 216)
102	KH	Work Target	115 O 14	9	D.I.A.N.D. (1986, p. 216)
103	REX	Work Target	115 O 14	9	D.I.A.N.D. (1986, p. 216)
104	BRAZIL	Work Target	115 O 14	9	D.I.A.N.D. (1986, p. 216)
105	BON	Work Target	115 O 14	9	D.I.A.N.D. (1986, p. 216); This Report
106	QUA	Work Target	115 O 14	9	D.I.A.N.D. (1986, p. 217); This Report
107	BEA	Work Target	115 O 14	9	D.I.A.N.D. (1986, p. 217); This Report
108	CAN	Work Target	115 O 14	9	D.I.A.N.D. (1986, p. 217); This Report
109	KLATHRO	Work Target	115 O 14, 15	9	D.I.A.N.D. (1986, p. 217); This Report
110	QUAG	Work Target	115 O 15	9	D.I.A.N.D. (1986, p. 217); This Report
111	SAS	Work Target	115 O 15	9	D.I.A.N.D. (1986, p. 217); This Report
112	DOM	Work Target	115 O 15	9	D.I.A.N.D. (1986, p. 217); This Report
113	FAWCETT (WEST)	Work Target	115 O 15	9	D.I.A.N.D. (1986, p. 217); This Report
114	HAREM	Work Target	115 O 14	9	This Report

LONE STAR
Dawson Eldorado Mines Ltd.

Au
Vein
115 0 14 (38)
(63°54'N, 139°14'W)
Dawson M.D.

Reference: D.I.A.N.D. (1986, p.198).

Claims: Rex 1-51

Source: Summary by B. Lueck of assessment report 091683 by P.S. White.

Description:

The property is underlain by Paleozoic metasedimentary quartz-feldspar schists and micaceous or chloritic quartzites. Lode gold occurs in quartz veins.

Current Work and Results:

The 1984 exploration program consisted of linecutting, soil sampling, geologic mapping, adit restoration and archives research. The main survey baseline was extended 5.85 km and a geochemical grid consisting of 70.5 km was cut. A total of 515 soil samples were taken and analyzed for Au and As. Two large anomalies were delineated by this soil sampling program. The Lone Star adit was retimbered for access to the old workings.

*****

VIOLET
Silvercrest Resources Corp.

Au, Ag
Vein
115 0 14 (39)
(63°2'N, 139°17'W)
Dawson M.D.

Reference: D.I.A.N.D. (1985, p.260,264,266; 1986, p.216)

Claims: VI 16-47

Source: Summary by D.S. Emond from assessment reports 091629 by P.S. White.

Current Work and Results:

In May, 1984, linecutting and soil sampling (totalling 134 samples) was performed on the VI 22-35 claims at 155 m centers in the NNE direction of location lines and 230 m transverse to location lines. Four hand pits were dug on each of claims VI 27,37,40 and 44 and bedrock was sampled. Soil geochemistry was discouraging with localized minimal gold. Eleven samples ranged from 5-10 ppb Au and one sample had 45 ppb Au, but the bulk of samples had below 5 ppb Au.

*****

HUNK, SUL

United Keno Hill Mines

Au
Vein/Replacement
115 O 10,14,15 (60,98)
116 B 3
(63°52'N, 138°50'W)
Dawson M.D.

Reference: D.I.A.N.D. (1985, p.264; 1986, p.215,217).

Claims: HUN 1-174, SUL 1-144

Source: Summary by B. Lueck of assessment report 091634 by D.R. Prince.

Current Work and Results:

United Keno Hill Mines undertook a large scale exploration program in the Dawson City area. A total of 1061 quartz claims were staked, most of which cover placer gold producing creek bottoms. Rotary percussion drilling, airborne and ground geophysical surveys were conducted in 1984.

Drilling was done in 14 separate areas. Areas of drilling were chosen on the basis of assessment requirements and reflect a random sample of bedrock in creek valleys of the Klondike gold fields. The 14 drill areas are named and listed below with a brief description of results.

NAME	CREEK	RESULTS
HUN 144	HUNKER	6.1m of 0.37 g/t Au, 8.40 g/t Ag
HUN 55	HUNKER	No significant values
HUN 25,26	HUNKER	No significant values
DOM 75,77	DOMINION	No significant values
DOM 27,28	DOMINION	3.0 m of 20 ppm Ag
RUN 42	GOLD RUN	No significant values
RUN 11,12	GOLD RUN	9.1 m of 27ppm Ag, anomalous gold
SUL 27,28	SULPHUR	No values
SUL 76	SULPHUR	No significant values
SUL 112	SULPHUR	21.3 m of 0.31 g/t Au, 27.4 m of 120ppb Au, 3.0 m of 18ppm Ag
CAN 40	CANYON	3.0 m of 110ppb Au
QUA 60	QUARTZ	No significant values
BON 13	BONANZA	30.5 m of 50ppb Au
BOJ 17,20	GOLD BOTTOM	No significant values

The airborne geophysical survey indicated several conductors beneath the creeks, one of which is coincident with anomalous gold in drill holes. The other anomalies were not drilled.

*****

Work Target
115 0 10 (96)
(63°43'N, 138°42'W)
Dawson M.D.

LASS
L.B. Gatenby

Reference: D.I.A.N.D. (1986, p.215)

Claims: LASS 1-8, 13-20

Source: Summary by B. Lueck of assessment report 091664 by L. Gatenby.

Current Work and Results:

A geochemical soil survey was conducted over and in the vicinity of an old gold showing known as the Kentucky lode. A total of 92 samples were taken over 5,485m of line.

*****

115 N 9 (54)
(63°42'N,140°19'W)

TYRELL
H. Hanulik

Claims 1985: HENRY 1-18

115 N 15 (14)
(64°00'N,140°46'W)

PER
E. Kreft

Claims 1985: DELIA 1-6

115 0 10 (28)
(63°57'N,140°50'W)

AIME
A. Brunet, M. Grimand

Claims 1985: AIME 1-32

115 0 2 (80)
(63°05'N,138°57'W)

DL
Lee's Jade & Opals Ltd.

Claims 1985: DL 1-72

115 0 10 (96)
(63°45'N,138°40'W)

LASS
Dawson ELdorado Gold Eploration Ltd.

Claims 1985: KLAM 1-12; KLORT 1-8

115 0 10 (96)
(63°42'N,138°39'W)

LASS
United Keno Hill Mines Ltd.

Claims 1985: RUN 1-22, 25-61, 65-78,
80-111, 63, 64

SUL
United Keno Hill Mines Ltd.
115 0 10 (98)
(63°45'N,138°50'W)

Claims 1985: SUL 1-92, 199-260
262-263, 265

MARGE
M. Profeit
115 0 10 (99)
(63°39'N,138°41'W)

Claims 1985: GINA 1

BOX CAR
Dawson Eldorado Gold Exploration Ltd.
115 0 14 (37)
(63°55'N,139°04'W)

Claims 1985: KLOX 1-12

CAN
United Keno Hill Mines Ltd.
115 0 14 (108)
(63°50'N,139°04'W)

Claims 1985: CAN 37-50, 91-108;
LIT 51-58, 109-116

QUA
United Keno Hil Mines Ltd.
115 0 14 (106)
(63°47'N,139°06'W)

Claims 1985: QUA 1-32, 59-90

BON
United Keno Hill Mines Ltd.
115 0 14 (105)
(63°55'N,139°09'W)

Claims 1985: BON 1-108

BEA
United Keno Hill Mines Ltd.
115 0 14 (107)
(63°59'N,139°15'W)

Claims 1985: BEA 1-16

HUNK
United Keno Hill Mines Ltd.
115 0 14,15 (60)
(63°55'N,139°00'W)

Claims 1985: HUN 1-84, 89-104, 107-138,
140-156, 158-168

LONE STAR
Dawson Eldorado Gold Exploration Ltd.
115 O 14 (38)
(63°50'N,139°15'W)

Claims 1985: DNF; ND; DN 1-33, 1F, 2F;
ND 1-22

HAREM
S. Hill, W. Rasmussen
115 O 14 (114)
(63°47'N,139°05'W)

Claims 1985: ZELDA; ANGIE; BONNIE; CONNIE;
ROMULUS; REMUS; JAN; ILENE;
LEE; KATHY; NANCY; MEG; PAT;
OLGA

VIOLET
Dawson Eldorado Gold Exploration Ltd.
115 O 14 (39)
(63°51'N,139°17'W)

Claims 1985: VI 1-16, 18, 43-44

CUAG
United Keno Hill Mines Ltd.
115 O 15 (110)
(63°55'N,138°59'W)

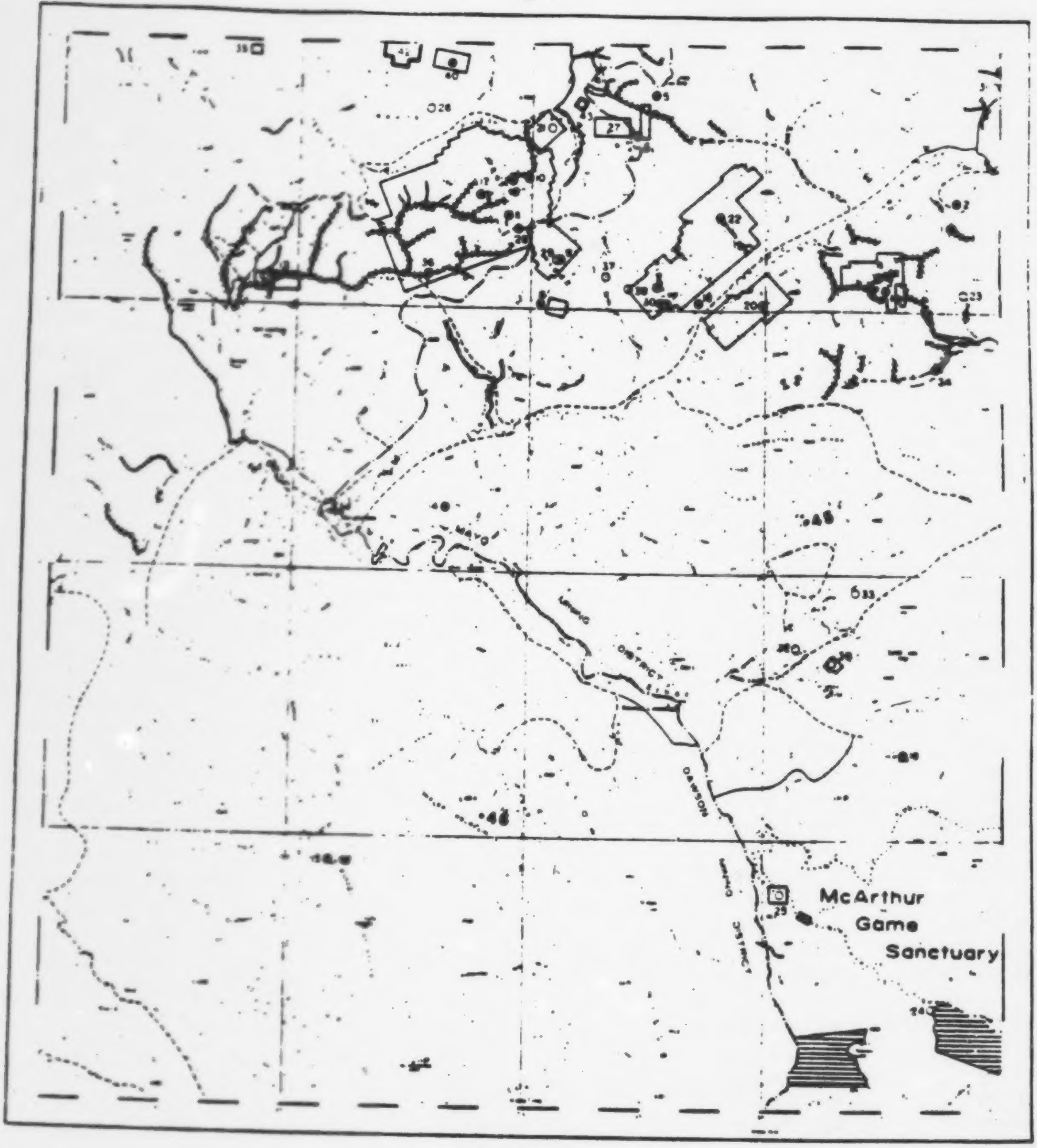
Claims 1985: BOT 1-60, 64-84

*****

115 P

Preliminary Map Only

115 P


McArthur Game Sanctuary
MAYO
DAWSON
MINING DISTRICT
20
22
23
24
25
27
33
40

McQUESTEN
YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres
Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)
Mineral Deposit or Occurrence see Key on facing page
Unmineralized Target
Mineral Claims in good standing (Jan 1984) and staked before Jan 1983
Mineral Claims staked in 1983
Placer Leases in good standing (Jan 1984)
Placer Claims in good standing (Jan 1984)
CEL Coal Exploration Licence
CML Coal Mining Lease

MCQUESTEN MAP-AREA (NTS 115 P)

General Reference: GSC Map 1143A by: H.S. Bostock, 1942.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	JAYBEE	Vein Ag Pb	115 P 16	7	
2	SEATTLE	Work Target	115 P 16	9	Green and Godwin (1964, p. 16)
3	HAWTHORNE	Vein Sb Pb Ag Au	115 P 16	7	Bostock (1941, p. 33-34); Green (1966, p. 20-21)
4	SCHEELITE DOME	Skarn W Cu	115 P 16	6	D.I.A.N.D. (1983, p. 215)
5	HOBO	Vein Au Ag	115 P 15	7	D.I.A.N.D. (1981, p. 227)
6	SPRAGUE	Vein Ag Pb	115 P 15	7	Bostock (1948, p. 11)
7	EAST RIDGE	Stockwork Sn Pb Zn Ag	115 P 15	7	D.I.A.N.D. (1983, p. 215-216)
8	LUGDUSH	Skarn W Cu	115 P 15	6	D.I.A.N.D. (1983, p. 215-216)
9	RIDGE	Stockwork Sn	115 P 15	7	D.I.A.N.D. (1981, p. 278)
10	JOSEPHINE	Work Target	115 P 14, 15	7	D.I.A.N.D. (1983, p. 215-216)
11	RHOSGOBEL	Porphyry Mo W	115 P 14	7	D.I.A.N.D. (1983, p. 215-216)
12	PUKELMAN	Porphyry Mo W	115 P 14	7	D.I.A.N.D. (1983, p. 215-216)
13	CLEAR CREEK	Work Target	115 P 13	7	Lang (1951, p. 14)
14	MOOSE RIDGE	Vein Ag Pb Fe	115 P 11	7	
15	ROSEBUD	Work Target	115 P 3	9	Bostock (1948, p. 12)
16	SETHER	Work Target	115 P 8	9	
17	LEWIS	Work Target	115 P 14	7	D.I.A.N.D. (1983, p. 215-216)
18	BOULDER	Vein Cu	115 P 15	7	Bostock (1948, p. 11)
19	TOTH	Work Target	115 P 15	9	
20	OLIVER CREEK (EPD)	Breccia/Vein Sn Ag	115 P 15	5	D.I.A.N.D. (1983, p. 215, 217) Emond (in D.I.A.N.D., 1983, p. 23-33)
21	MOZI	Breccia/Vein Pb Zn Cu Mo	115 P 15	9	D.I.A.N.D. (1981, p. 279)
22	SP	Stockwork Sn	115 P 15	7	D.I.A.N.D. (1983, p. 215, 217)
23	BEN	Work Target	115 P 16	9	D.I.A.N.D. (1981, p. 279-280)
24	WOODBURN	Work Target	115 P 1	9	D.I.A.N.D. (1981, p. 280)
25	CROOKED	Work Target	115 P 1	9	D.I.A.N.D. (1981, p. 280)
26	FIONA	Work Target	115 P 14	9	D.I.A.N.D. (1982, p. 229)
27	MAHTIN	Vein, Skarn Sn W	115 P 15	7	D.I.A.N.D. (1982, p. 229-230)
28	JUBJUB	Work Target	115 P 14	9	D.I.A.N.D. (1982, p. 228)
29	JABBERWOCK	Vein Sn Ag	115 P 15	7	D.I.A.N.D. (1982, p. 230)
30	MAY CREEK	Vein Ag Pb Zn	115 P 15	6	Morin et al (1980, p. 23); This Report
31	SECRET CREEK	Work Target	115 P 16	9	Morin et al (1980, p. 23)
32	WINSLOW	Work Target	115 P 8	9	D.I.A.N.D. (1982, p. 231)
33	PAN	Work Target	115 P 8	9	D.I.A.N.D. (1982, p. 231)
34	SAVY	Work Target	115 P 9	9	D.I.A.N.D. (1982, p. 231)
35	ACE	Work Target	115 P 13	9	D.I.A.N.D. (1983, p. 215, 217)
36	MARY	Work Target	115 P 14	9	D.I.A.N.D. (1983, p. 215-216)
37	BANDER	Vein Sn	115 P 15	7	D.I.A.N.D. (1982, p. 230)
38	SNATCH	Vein Ag Pb	115 P 15	7	D.I.A.N.D. (1982, p. 231)

39	LJB	Work Target	115 P 8	9	D.I.A.N.D. (1983, p. 215, 217); This Report
40	OMEGA	Work Target	115 P 14	9	This Report
41	NIC	Work Target	115 P 15	9	D.I.A.N.D. (1985, p. 270)
42	ZETA	Work Target	115 P 14	9	This Report
43	TAT	Work Target	115 P 15	9	D.I.A.N.D. (1985, p. 270)
44	MEGALAURUS	Work Target	115 P 1	9	D.I.A.N.D. (1985, p. 270; 1986, p. 222)
45	BILL	Work Target	115 P 9	9	This Report
46	PIRATE	Work Target	115 P 9	9	This Report

OMEGA

Noranda Exploration Co. Ltd. (N.P.L.)
Techniflfluids

Barite
Stratabound Concordant
115 P 14 (40)
(63°59'N, 137°10'W)
Dawson M.D.

Reference: D.I.A.N.D. (1985, p.269-270).

Claims: OMEGA 1-32

Source: Summary by D.A. Downing of assessment report 091630 by W. Reid.

Current Work and Results:

Noranda entered a joint venture with Technifluids in November 1984 but continued as the operator.

During 1984 and 1985 three bulldozer trenches were excavated perpendicular to strike east of the discovery outcrop. The trenches were spaced at approximately 75m intervals over the 7m thick barite horizon which dips steeply to the north. The trench closest to the outcropping barite exposed the horizon but the other two trenches revealed a fault at the contact of footwall chert-shales and hangingwall siltstones.

The occurrence of barite extends no more than 25 - 50m east of where it is exposed at surface. Potential for a western strike extension is good but structural displacements and deformation observed in the trenches may disrupt the continuity of the horizon.

*****

ZETA
Noranda Exploration Co. Ltd. (N.P.L.)

Ag, Sn
Vein/Replacement
116 A 3,
115 P 14 (42)
(63°59'N, 137°17'W)
Dawson M.D.

Reference: D.I.A.N.D. (1986, p.219-222).

Claims: ZETA 1-84

Source: Summary by B. Lueck of assessment report 091782 by S.M. Abercrombie.

Current Work and Results:

In 1985, exploration on the ZETA claims included detailed geologic mapping and sampling. A total of 150 samples were collected for age dating and petrographic analyses. Significant silver and tin mineralization has been discovered on this property and is described in D.I.A.N.D. (1986, p.220-221).

A detailed sulphide mineralogy study is contained in this report. Pyrite, arsenopyrite, cassiterite, sphalerite, jamesonite, covellite, chalcocite and stannite have been identified. Formational temperatures are believed to be between 360 and 490°C.

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PIRATE
N. DeBock, D. Penner

115 P 6 (46)
(63°15'N,137°00'W)

Claims 1985: PIRATE 1-144

BILL
L. Brown

115 P 9 (45)
(63°33'N,136°24'W)

Claims 1985: BILL 1-2

MAY CREEK
Archer,Cathro & Associates
(1981) Ltd.

115 P 15 (30)
(63°46'N,136°45'W)

Claims 1985: QUEST 1-4

OMEGA
Noranda Exploration Co. Ltd. (N.P.L.)

115 P 14 (40)
(63°59'N,137°10'W)

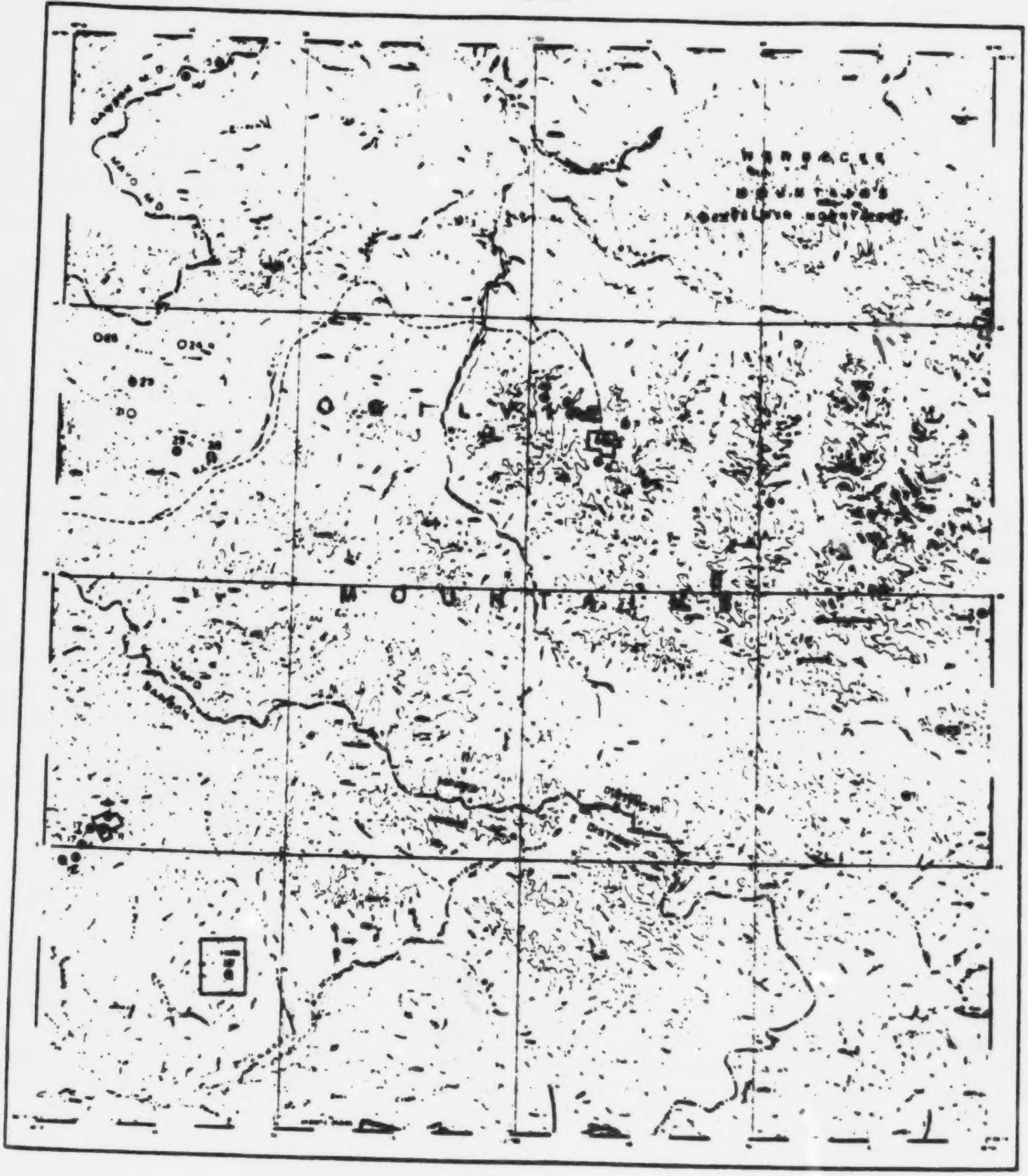
Claims 1985: OMEGA 33-56

*****

116 A

Preliminary Map Only

116 A



LARSEN CREEK

YUKON TERRITORY

5 0 5 10 15 20 25 30
Kilometres

▤ Lands withdrawn from staking due to Native Land Claims (see specific claim map for accurate location and additional sites of withdrawal)

● Mineral Deposit or Occurrence see Key on facing page

○ Unmineralized Target

▭ Mineral Claims in good standing (Jan 1984) and staked before Jan 1983

▭ Mineral Claims staked in 1983

Placer Leases in good standing (Jan 1984)

Placer Claims in good standing (Jan 1984)

CEL Coal Exploration Licence

CML Coal Mining Lease

Tote Trail

Driveable Road

✧ Oil or Gas Well

▬ Airstrip

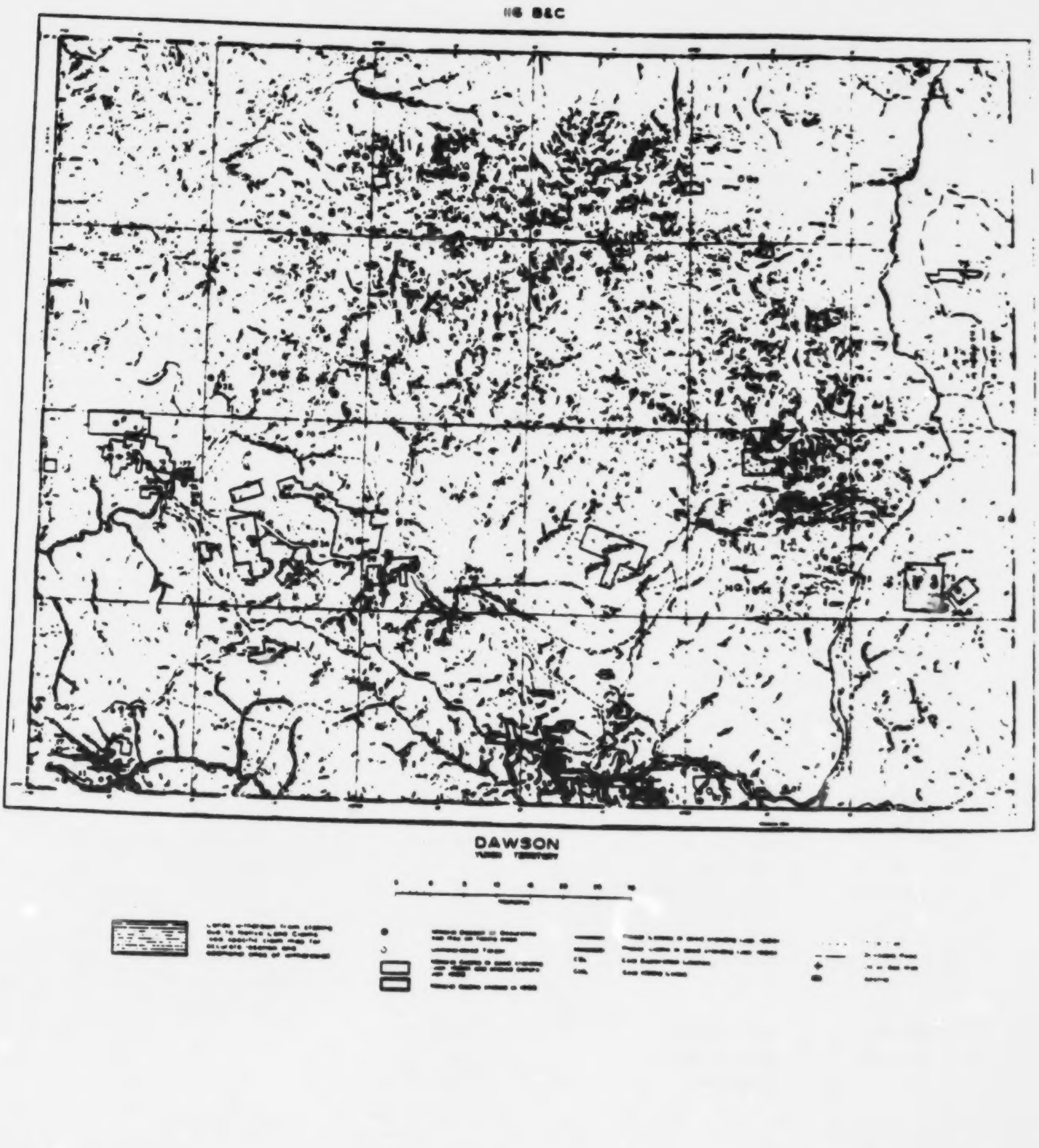
LARSEN CREEK MAP-AREA (NTS 116 A)

General Reference: GSC Map 1283A and Memoir 364 by: L.H. Green, 1972.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	TIMBERWOLF	Vein Cu	116 A 8	7	
2	WORM	Vein Cu	116 A 8	7	
3	RAMA	Vein Cu Ag Pb	116 A 9	7	
4	MATTSON	Vein Cu	116 A 9	7	
5	SOUP	Vein Cu	116 A 10	7	
6	REINDEER	Vein Cu Pb	116 A 10	7	
7	GRACE	Work Target	116 A 10	9	Craig and Laporte (1972, p. 26-27)
8	HART RIVER	Stratabound concordant Pb Zn Cu Au Ag	116 A 10	2	Morin et al (1979, p. 22-24); D.I.A.N.D. (1983, p. 219, 221; 1986, p. 225)
9	BELCARRA	Vein Cu Pb Zn	116 A 10	7	
10	ZEBRA	Vein Cu	116 A 10	7	Craig and Laporte (1972, p. 23-25); Green (1972, p. 140)
11	HAMILTON (MIKE)	Vein Au Cu Ag Bi Co	116 A 5	7	D.I.A.N.D. (1983, p. 219)
12	RIMROCK	Vein Ag	116 A 4	6	D.I.A.N.D. (1982, p. 233)
13	AUSTON	Work Target	116 A 9	9	Green (1972, p. 140)
14	HOT	Vein Pb Zn Ag	116 A 13	7	Sinclair et al (1976, p. 82)
15	MICHELLE	Work Target	116 A 13	9	Sinclair et al (1975, p. 71)
16	BRUK (VUG)	Vein Pb Zn	116 A 9	7	Sinclair et al (1976, p. 74)
17	PHILP	Skarn Cu Au Ag	116 A 5	7	
18	DALE	Vein Cu	116 A 16, 9	7	D.I.A.N.D. (1982, p. 233); D.I.A.N.D. (1983, p. 219-220)
19	IDA	Replacement Au	116 A 4	7	D.I.A.N.D. (1982, p. 234)
20	STROKER	Vein Au	116 A 8	7	D.I.A.N.D. (1982, p. 234)
21	ST. BRIDGET	Stratibound concordant Ba	116 A 12	7	D.I.A.N.D. (1983, p. 219-220)
22	SUMI	Work Target	116 A 7, 10	9	Morin et al (1977, p. 135)
23	WERN	Skarn Cu Fe	116 A 15	7	Morin et al 135-136)
24	TIM	Work Target	116 A 12	9	Morin et al (1979, p. 50)
25	SHAY	Vein Pb Zn Cu	116 A 12	7	Morin et al (1979, p. 50)
26	LEP	Work Target	116 A 13	9	Morin et al (1979, p. 50)
27	LOMOND CREEK	Work Target	116 A 12	9	Morin et al (1979, p. 49)
28	BOYLE	Stratibound concordant Ba	116 A 12	7	D.I.A.N.D. (1983, p. 219-220)
29	MILK UM	Stratibound concordant Ba	116 A 12	7	D.I.A.N.D. (1983, p. 219-221)

116 B-C

Preliminary Map Only


116 B&C
DAWSON
YUKON TERRITORY

DAWSON MAP-AREA (NTS 116 B-C)

General Reference: GSC Map 1284A and Memoir 364 by: L.H. Green, 1972.
Northern Affairs Open File Map of 115 O 14, 15 and 116 B 2, 3 by: R.L. Debicki, 1984.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	INDEX	Vein Sb	116 B 8	7	Green (1972, p. 42)
2	GERMAINE	Skarn Sn	116 B 2	9	This Report
3	COLLIERY	Coal	116 B 2	7	Bostock (1938, p. 13-14); Green (1972, p. 27); Dowling (1915)
4	UNEXPECTED	Stockwork U Sn	116 B 3	7	D.I.A.N.D. (1982, p. 238)
5	VIRGIN	Vein Au Ag	116 B 3	7	MacLean (1914, p. 41-49); D.I.A.N.D. (1985, p. 277); D.I.A.N.D. (1986, p. 233); This Report
6	MacLEAN	Vein Au	116 B 3	7	D.I.A.N.D. (1986, p. 230)
7	BOYLE	Work Target	116 B 3	9	
8	LEPINE	Vein Au	116 B 3	7	D.I.A.N.D. (1986, p. 232) This Report
9	FIBRE	Asbestos	116 B 3	7	D.I.A.N.D. (1986, p. 238)
10	MIDNIGHT DOME	Asbestos	116 B 3	7	D.I.A.N.D. (1986, p. 238)
11	BROAD-LEDGE	Work Target	115 B 3	9	Brock (1910, p. 15)
12	WEST DAWSON	Skarn, Vein Cu Pb Ag	116 B 3	7	
13	HUNGRY	Work Target	116 C 2	9	Cockfield (1921, p. 52)
14	MILLER	Vein Ag Pb Zn	116 C 2	7	Cockfield (1921, p. 51-52); D.I.A.N.D. (1981, p. 293; 1986, p. 239)
15	SPHERE	Asbestos	116 C 7	7	D.I.A.N.D. (1983, p. 223-224)
16	FOXY	Asbestos	116 C 7	7	Green (1964, p. 27); D.I.A.N.D. (1985, p. 280)
17	CLINTON CREEK	Asbestos	116 C 7	3	D.I.A.N.D. (1985, p. 278)
18	ACHERON (RG)	Asbestos	116 C 7	7	Morin et al (1977, p. 144)
19	CONE HILL	Vein Ag Pb Au	116 C 7	7	D.I.A.N.D. (1981, p. 242)
20	MICKEY CREEK	Asbestos	116 C 7	7	
21	SHEEL CREEK	Stratabound concordant Fe	116 C 9	6	Gross (1969, p. 111)
22	CLIFF	Coal	116 C 9	7	McConnell (1904, p. 39-41)
24	SOURDOUGH MINE	Work Target	116 C 8	9	McConnell (1904); Green (1972, p. 146)
25	FIF	Work Target	116 B 5	9	McConnell (1903, p. 39-41)
26	CALEY	Asbestos	116 C 8	2	Green (1964, p. 27-28)
27	SUBMARINE	Vein, Stratabound discordant Ag Pb Zn (Cu)	116 C 8	7	Cockfield (1928, p. 9)
28	ROAL	Skarn Zn Pb (Ag Sn)	116 B 5	7	Cockfield (1928, p. 9)
29	SILVER CITY	Vein Ag Pb	116 B 5	7	Green (1966, p. 23-24); Craig and Milner (1975, p. 15); This Report
30	OGILVIE	Work Target	116 B 5	9	
31	KEYSTONE	Work Target	116 B 5	9	
32	ASS	Asbestos	116 B 5	7	

33	WOODCHOPPER	Asbestos	116 B 5	7	D.I.A.N.D. (1982, p. 238-239, 242)
34	ETHELDA	Skarn Cu	116 C 8	7	
35	HAY MEADOW	Work Target	116 B 7	9	
36	JECKELL	Work Target	116 B 7	9	
37	SNYDER	Work Target	116 B 7	9	
38	FIREWEED	Work Target	116 B 7	9	Tempelman-Kluit (1965, p. 36)
39	GRAVE	Vein Cu	116 B 7	7	D.I.A.N.D. (1981, p. 285)
40	SPOTTED FAWN	Vein Ag Pb Zn	116 B 7	7	Cockfield (1919, p. 15-17); Green (1972, p. 137-138); Sinclair *et al* (1975, p. 73-74)
41	SUBTRACT	Work Target	116 B 7	9	D.I.A.N.D. (1981, p. 285)
42	ROBERT SERVICE	Work Target	116 B 8	9	Tempelman-Kluit (1965, p. 36)
43	MULTIPLY	Work Target	116 B 8	9	Tempelman-Kluit (1965, p. 36); D.I.A.N.D. (1986, p. 239)
44	CRAWFORD	Vein Cu	116 B 10	7	
45	BLACKSTONE	Coal	116 B 16	7	
46	CHAPMAN	Work Target	116 B 16	9	Green (1972, p. 138); Sinclair *et al* (1975, p. 76)
47	FIFTEEN MILE	Vein Cu Ag	116 B 14, 11	7	
48	CHANDINDU	Work Target	116 B 5	9	McConnell (1903, p. 39-41)
49	SHAND	Vein Cu	116 B 13	7	Morin *et al* (1977, p. 144)
50	JEROME	Coal	116 B 5	7	
51	PAULA	Vein Cu	116 C 10	7	Owen (1968, p. 8)
52	KRAUSE	Stratabound concordant Fe	116 C 9	7	
53	MASTADON	Work Target	116 B 4	9	
54	RISCO	Work Target	116 B 5	9	
55	WINAGE	Work Target	116 B 5	9	This Report
56	HEALY	Work Target	116 B 5	9	
57	LAWRENCE	Work Target	116 B 5	9	
58	LEDUC	Coal	116 C 9	7	
59	BARETTE	Coal	116 B 5	7	
60	THANE	Coal	116 B 5	7	
61	HATTIE	Work Target	116 B 3	7	MacLean (1914, p. 124-125)
62	MONSTER (OG)	Stratabound discordant Pb Zn	116 B 13	7	Sinclair *et al* (1976, p. 88)
63	TART	Vein Zn Pb	116 B 13	7	
64	OZ	Vein Zn Pb	116 B 12	7	This Report
65	SEELA	Vein Pb Zn	116 B 14	7	
66	KIWI	Vein Pb Zn Ag	116 B 10	7	Sinclair *et al* (1975, p. 75); D.I.A.N.D. (1986, p. 239)
67	MORRISON	Work Target	116 B 2	9	G.S.C., Map 711A (1942)
68	LOWNEY	Work Target	116 B 4, C 1	9	
69	HALIFAX	Work Target	116 B 3	9	D.I.A.N.D. (1981, p. 293); This Report
70	CHAIN	Coal	116 C 8	7	
71	HALE	Work Target	116 B 4	9	
72	JEPHSON	Coal	116 C 9	7	
73	O'BRIEN (A.J.)	Vein Au	116 B 8	6	D.I.A.N.D. (1986, p. 235)
74	SANDOW	Vein Cu	116 B 8	7	Green (1972, p. 142)
75	UGLY	Stratabound discordant Vein Zn Pb	116 C 16	7	
76	TJOP	Asbestos	116 C 8	7	D.I.A.N.D. (1983, p. 223-225)
77	STYX	Work Target	116 B 6	9	D.I.A.N.D. (1982, p. 239); This Report

78	MARN	Skarn Cu Au	116 B 7	7	D.I.A.N.D. (1985, p. 278-279)
79	CLIP	Vein Pb Zn	116 C 1	7	D.I.A.N.D. (1981, p. 288)
80	PLUTO	Porphyry Mo W	116 C 8	7	D.I.A.N.D. (1983, p. 223, 225)
81	THOR	Vein Au Cu	116 B 8	7	D.I.A.N.D. (1981, p. 289-291; 1986, p. 239)
82	ETC	Work Target	116 B 2	9	D.I.A.N.D. (1981, p. 293)
83	FROGGY	Work Target	116 B 3	9	D.I.A.N.D. (1981, p. 293)
84	FRESNO	Work Target	116 B 4	9	D.I.A.N.D. (1981, p. 293)
85	RIKI	Work Target	116 B 9	9	D.I.A.N.D. (1982, p. 240)
86	TAK	Vein Pb Ag	116 B 10	7	D.I.A.N.D. (1986, p. 236); This Report
87	KITL	Vein Pb Zn	116 V 15, 14	7	D.I.A.N.D. (1982, p. 240)
88	GUCH	Vein Pb	116 C 2	7	D.I.A.N.D. (1982, p. 241)
89	BALDY	Stratabound discordant Pb Zn Cu	116 C 2	7	D.I.A.N.D. (1981, p. 292)
90	RAIL	Skarn W	116 C 8	7	D.I.A.N.D. (1985, p. 279-280)
91	MAIDEN (TING)	Granite-associated U	116 C 7	7	D.I.A.N.D. (1981, p. 292)
92	REIN	Stratabound concordant Ba	116 B 9	7	D.I.A.N.D. (1981, p. 292)
93	NEBULOUS	Breccia U	116 B 7	7	D.I.A.N.D. (1981, p. 293)
94	DEM	Work Target	116 B 13	9	Sinclair *et al* (1976, p. 85)
95	OD	Work Target	116 B 13	9	Sinclair *et al* (1976, p. 86)
96	ID	Vein Cu	116 B 13	7	Sinclair *et al* (1976, p. 87)
97	KIMI (KIM)	Work Target	116 B 14	9	Sinclair *et al* (1976, p. 88)
98	MONY	Work Target	116 B 8	9	Morin *et al* (1977, p. 142)
99	GULCH	Granite-associated U	116 B 11	7	Morin *et al* (1977, p. 143)
100	ROSE (RG)	Work Target	116 C 7	9	D.I.A.N.D. (1982, p. 242)
101	HOT	Work Target	116 B 8	9	Morin *et al* (1979, p. 53)
102	TETA	Granite-associated U	116 B 7	7	Morin *et al* (1979, p. 54)
103	SUMTING	Work Target	116 B 7	9	Morin *et al* (1979, p. 54)
104	BRX	Work Target	116 B 11	9	Morin *et al* (1979, p. 55)
105	ROB	Work Target	116 B 14	9	Morin *et al* (1979, p. 56)
106	DAWG	Work Target	116 B 15	9	Morin *et al* (1979, p. 56)
107	PUB	Work Target	116 C 2	9	Morin *et al* (1980, p. 29)
108	MICKEY	Work Target	116 C 8	9	D.I.A.N.D. (1982, p. 241-242)
109	SPEC	Work Target	116 B 3	9	D.I.A.N.D. (1983, p. 224, 227)
110	SWEDE	Work Target	116 C 1	9	D.I.A.N.D. (1982, p. 224)
111	GRAPS	Work Target	116 B 9	9	D.I.A.N.D. (1982, p. 224)
112	TURK	Asbestos	116 C 7	9	D.I.A.N.D. (1985, p. 280)
113	MILLER CREEK	Work Target	116 C 2	9	D.I.A.N.D. (1985, p. 280)
114	HOLLY	Work Target	116 C 1	9	
115	TIZA	Asbestos	116 C 8	7	D.I.A.N.D. (1983, p. 224, 226)
116	JOE "I"	Work Target	116 B 3	9	D.I.A.N.D. (1983, p. 224, 227)
117	CEDAR	Work Target	116 C 2	9	D.I.A.N.D. (1986, p. 237, 239); This Report
118	PINE	Work Target	116 C 2	9	D.I.A.N.D. (1986, p. 227)
119	SPEC-2	Work Target	116 B 3	9	D.I.A.N.D. (1983, p. 224, 227); This Report
120	XL	Work Target	116 B 3	9	This Report
121	TOP	Work Target	116 B 4	9	D.I.A.N.D. (1985, p. 280; 1986, p. 239)
122	SMOKEY	Work Target	116 C 7	9	D.I.A.N.D. (1985, p. 280)
123	BH	Work Target	116 C 7	9	D.I.A.N.D. (1985, p. 277)
124	SHARON	Work Target	116 B 3	9	D.I.A.N.D. (1986, p. 238)

125 TOWER	Work Target	116 B 3	9	D.I.A.N.D. (1986, p. 238)
126 GEF	Work Target	116 B 3	9	D.I.A.N.D. (1986, p. 238)
127 RENZO	Work Target	116 B 3	9	D.I.A.N.D. (1986, p. 238)
128 KTMR	Work Target	116 B 3	9	D.I.A.N.D. (1986, p. 238)
129 CHELS	Work Target	116 C 2	9	This Report
130 SONY	Work Target	116 C 2	9	This Report

GERMAINE
Nordac Mining Corporation

Work Target
116 B 2 (2)
(64°02'N, 138°55'W)
Dawson M.D.

Reference: Green (1965, p.64-65); Debicki (1985).

Claims: ACRETE 1-14

Source: Summary by D.S. Emond from assessment report 091632 by R.J. Cathro (Archer, Cathro & Associates (1981) Ltd.).

History:

The claims cover the presumed source of "woodtin" found by placer miners in Germaine Creek in the early 1960's, found at the point where the creek enters the broad Klondike River Valley. The cassiterite is associated with topaz and fluorite. The target was originally staked in 1979-80 as the SURPRIZE claims by Chevron Minerals Ltd. and was explored for uranium. Limited trenching was done in 1981-1983 by placer miners.

Description:

Hills on both sides of Germaine Creek are covered by a Tertiary quartz-feldspar porphyry pluton and related volcanic rocks. The pluton intrudes metavolcanic and metasedimentary rocks and is presumed to be the source of nearby placer tin, topaz and fluorite.

Current Work and Results:

In July, 1984 the placer miner's bulldozer trenches were examined and were found to expose a breccia in bedrock. It consisted of an assemblage of silicified, multicoloured (dark and light green, amber and red) fragments in a black matrix and was interpreted to be lithic volcanic breccia (glassy, brecciated equivalents of the porphyry). Nine samples returned low values in gold (less than 219 ppb) and tin(less than 9 ppm), but very high fluorine (seven samples assayed 820-1700 ppm, and two gave 6000 ppm and greater than 10,000 ppm).

In June, 1985 a trench was constructed on the east side of Germaine Creek, between the breccia zone and the topaz and tin-in soil anomaly reported by Chevron.

*****

OZ
U. Schmidt

Zn, Pb
Vein/Replacement
116 B 12,13 (64)
(64°44'N, 139°44'W)
Dawson M.D.

Reference: D.I.A.N.D. (1983, p.223,227), Sinclair et al. (1975 p.74-75).

Claims: HARP 1-10

Source: Summary by D.S. Emond from assessment report 091631 by U. Schmidt.

History:

In 1974, Dynasty Explorations discovered and staked the OZ claims over an occurrence of carbonate-hosted lead-zinc mineralization associated with breccias and fractures and of disseminated lead-zinc mineralization in dolomitic argillites and shales. In 1975, Cyprus Anvil diamond drilled three holes totalling 379.48 m and encountered low grade fracture controlled lead-zinc mineralization. The claims subsequently were allowed to lapse and were restaked in February, 1982 as the HARP 1-24 claims.

Current Work and Results:

In February, 1985 Eagle Mapping Services Ltd. prepared a 1:7500 scale topographic map with 50 foot contours using available government airphotos which was enlarged to 1:5000 scale and is suitable for geological mapping.

*****

XL
Manny Consultants Ltd.

Work Target
116 B 3 (120)
(64°07'N, 139°12'W)
Dawson M.D.

Reference: D.I.A.N.D. (1985, p.280; 1986, p.238).

Claims: XL 1-170; RENZO 1-49; GEF 1-24

Source: Summary by B. Lueck of assessment report 091671 by Manny Consultants.

Description:

The claims lie 8 km north of Dawson City and are believed to overlie a contact fault zone between serpentinites and crystalline metamorphic-rocks.

Current Work and Results:

In 1984 a work program consisting of soil sampling, I.P. magnetometer and max-min electromagnetic geophysical surveys and reconnaissance mapping was done.

A road was built onto the property followed by linecutting and flagging of stations. The soil and geophysical surveys were conducted using this grid which covered 24 claims. Line spacing was 60 m with 60 m between stations.

Soil samples were assayed for Pb, Zn, Ag, Cu, Mo, Au, Ni and Cr. Two anomalous east-west trending zones were located. The anomalies extend for 400 to 1500 m and contain high values of Mo, Pb, Zn, Ag and Cu. Values for gold were low.

An east-west trending magnetic high was also defined. This was felt to represent a thin serpentinite unit which marks a fault zone.

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VIRGIN
Dawson Eldorado Gold Exploration Ltd.
116 B 3 (5)
(64°00'N,139°15'W)

Claims 1985: KLOT 1-42

MACLEAN
Dawson Eldorado Gold Exploration Ltd.
116 B 3 (6)
(64°02'N,130°16'W)

Claims 1985: KLEAN 1-12

LEPINE
Dawson Eldorado Gold Exploration Ltd.
116 B 3 (8)
(67°08'N,139°10'W)

Claims 1985: KLEP 1-62

HALIFAX
S. Hill
116 B 3 (69)
(64°02'N,139°25'W)

Claims 1985: GAIL; MILDRED

SPEC 2
R. Cioleitto
116 B 3 (119)
(64°06'N,139°07'W)

Claims 1985: ABA 1-16; AUR 1-16

TAK
Noranda Exploration Co. Ltd. (N.P.L.)
116 B 10 (86)
(64°32'N,138°02'W)

Claims 1985: TAK 49-52

SILVER CITY
B. Patnode
116 B 5 (29)
(64°17'N,139°53'W)

Claims 1985: DSS 1-10; DSN 1-8, 17-32

WINAGE
B. Patnode
116 B 5 (55)
(64°15'N,139°55'W)

Claims 1985: SILBIRCH 1-4; ALLOS 1-4;
BIRCH 1-4

SILVER CITY
Noranda Exploration Co. Ltd. (N.P.L.) 116 B 5 (29)
(64°15'N,139°54'W)

Claims 1985: SC 1-16

STYX
Anaconda Canada Exploration Ltd. 116 B 6 (77)
(64°20'N,139°15'W)

Claims 1985: STYX 1-160; SCYLLA 1-32

CEDAR
Noranda Exploration Co. Ltd. (N.P.L.) 116 C 2 (117)
(64°03'N,140°55'W)

Claims 1985: LGC 1-129

CHELS
Archer, Cathro & Associates (1981) Ltd. 116 C 2 (131)
(64°06'N,140°47'W)

Claims 1985: CHELS 1-8

SONY
J. Ostrowalker 116 C 2 (132)
(64°02'N,140°47'W)

Claims 1985: SONY 1-4

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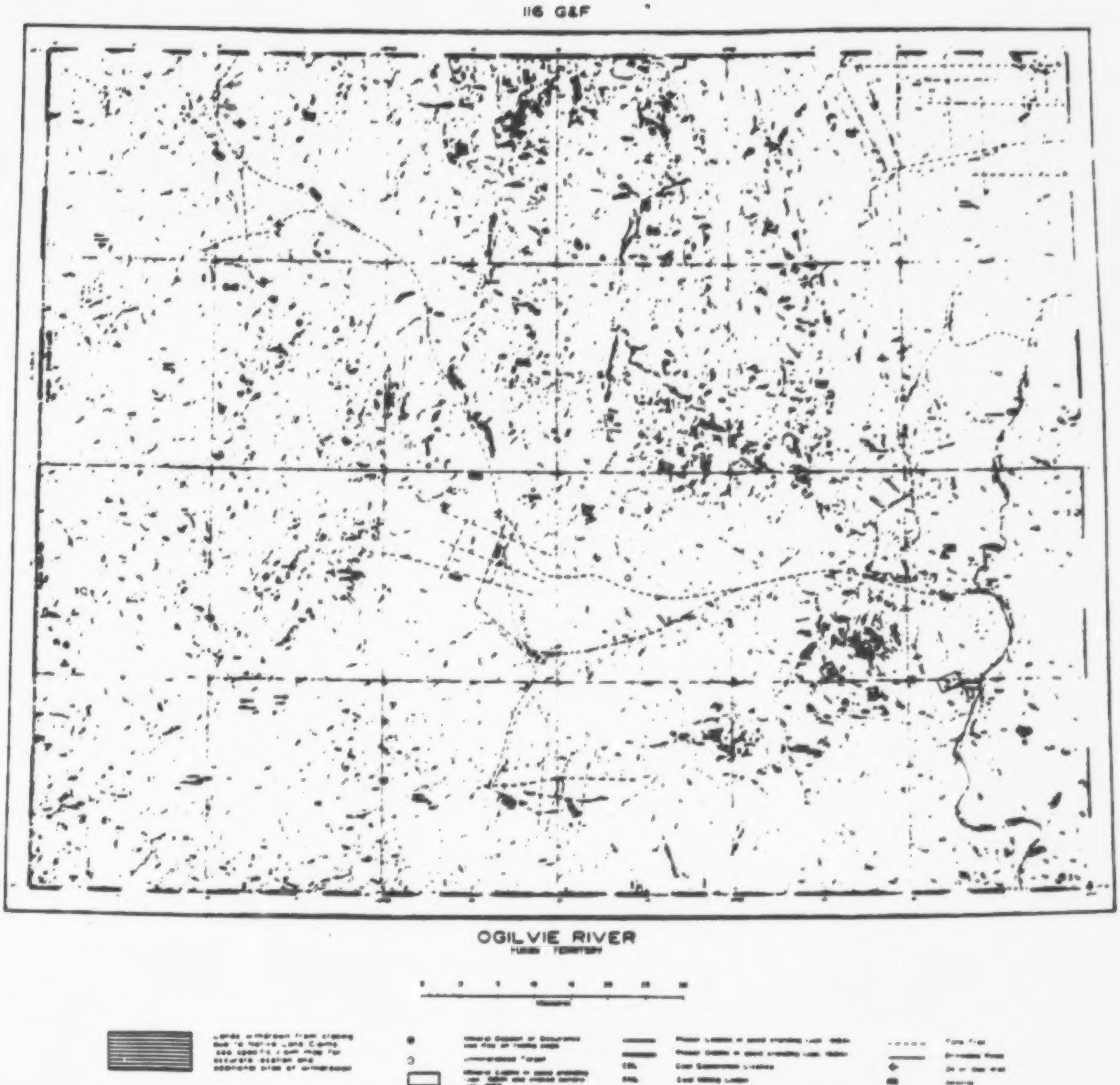
115 F-9

Preliminary Map Only


116 G&F
OGILVIE RIVER

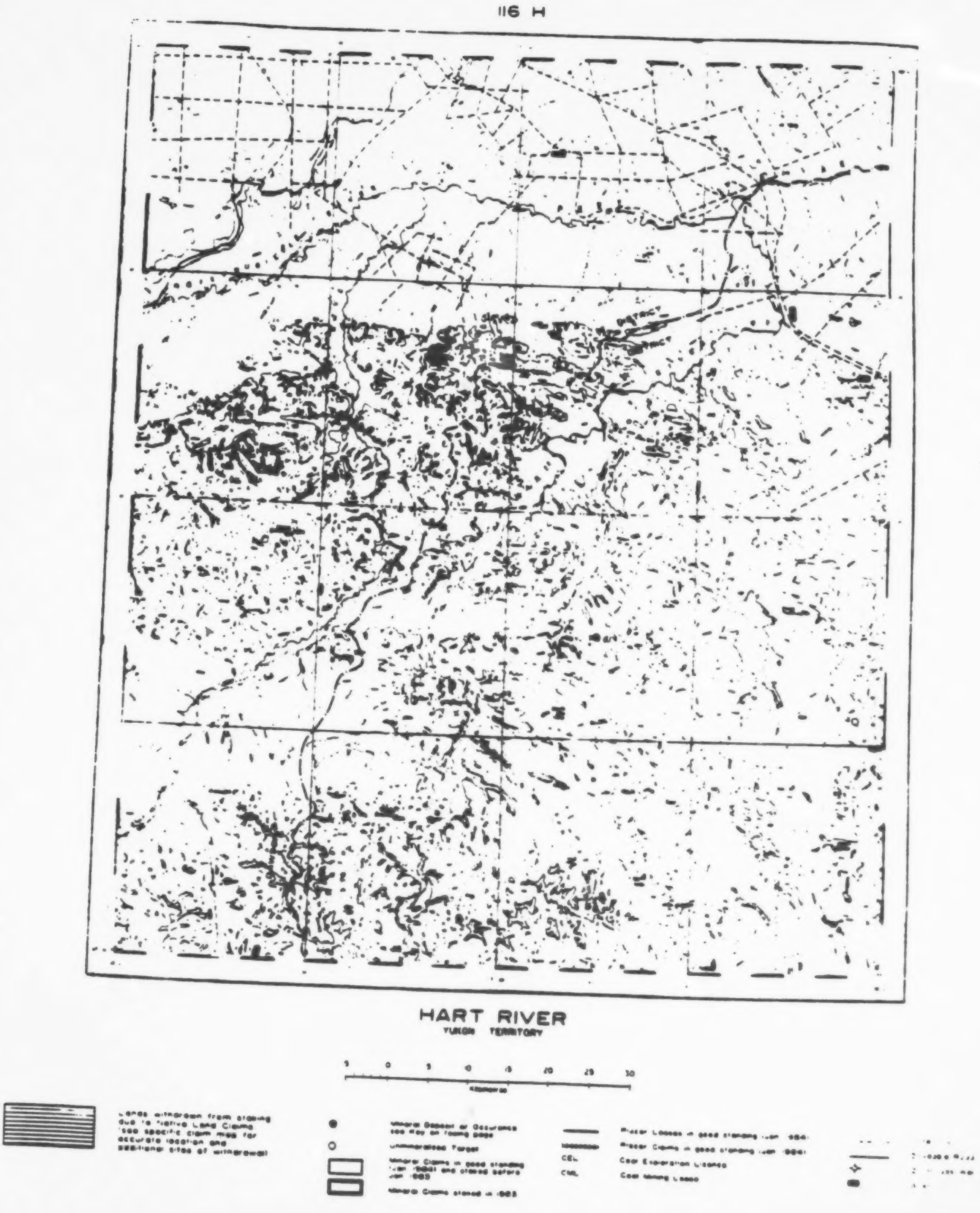
OGILVIE MAP-AREA (NTS 116 F-G)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1526A by: D.K. Norris, 1982a.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	BURGOYNE (KEPT)	Vein, Replacement Zn	116 F 2	7	Sinclair et al (1976, p. 90)
2	SIT DOWN	Work Target	116 F 9	9	Norris (1976, p. 459)
3	DYKE	Vein Cu, Asbestos	116 G 1	7	Norris (1974, p. 344)
4	NUCLEAR (BEAR)	Vein Pb Zn	116 G 3	7	Sinclair et al (1975, p. 77-78)
5	GIG	Vein Pb	116 G 14	7	
6	COOT	Vein Pb	116 G 11	7	
7	BIBLO	Stratabound discordant Zn Pb Vein Pb Ba	116 G 7	7	D.I.A.N.D. (1981, p. 295)
8	MILCH	Vein Ba	116 G 1	7	D.I.A.N.D. (1982, p. 245)
9	PL	Vein Pb Zn	116 F 7	7	Morin et al (1980, p. 30-31)
10	TIN	Breccia U	116 F 7	7	Morin et al (1980, p. 30)
11	ELBOW	Vein Ba	116 G 1	7	Morin et al (1980, p. 31)
12	KZ	Work Target	116 G 1	9	D.I.A.N.D. (1983, p. 229)
13	BANG ON	Vein Ba	116 G 8	7	D.I.A.N.D. (1982, p. 245); D.I.A.N.D. (1983, p. 229)

116 H

Preliminary Map Only


116 H
HART RIVER
YUKON TERRITORY
5 0 5 10 15 20 25 30
Kilometres
Lands withdrawn from staking due to Native Land Claims (see specific claim maps for accurate location and additional sites of withdrawal)
Mineral Deposit or Occurrence see Map on facing page
Unmineralized Target
Mineral Claims in good standing (Jan 1984) and staked before Jan 1983
Mineral Claims staked in 1983
Placer Leases in good standing (Jan 1984)
Placer Claims in good standing (Jan 1984)
CEL Coal Exploration Licence
CML Coal Mining Lease
DISTRICT

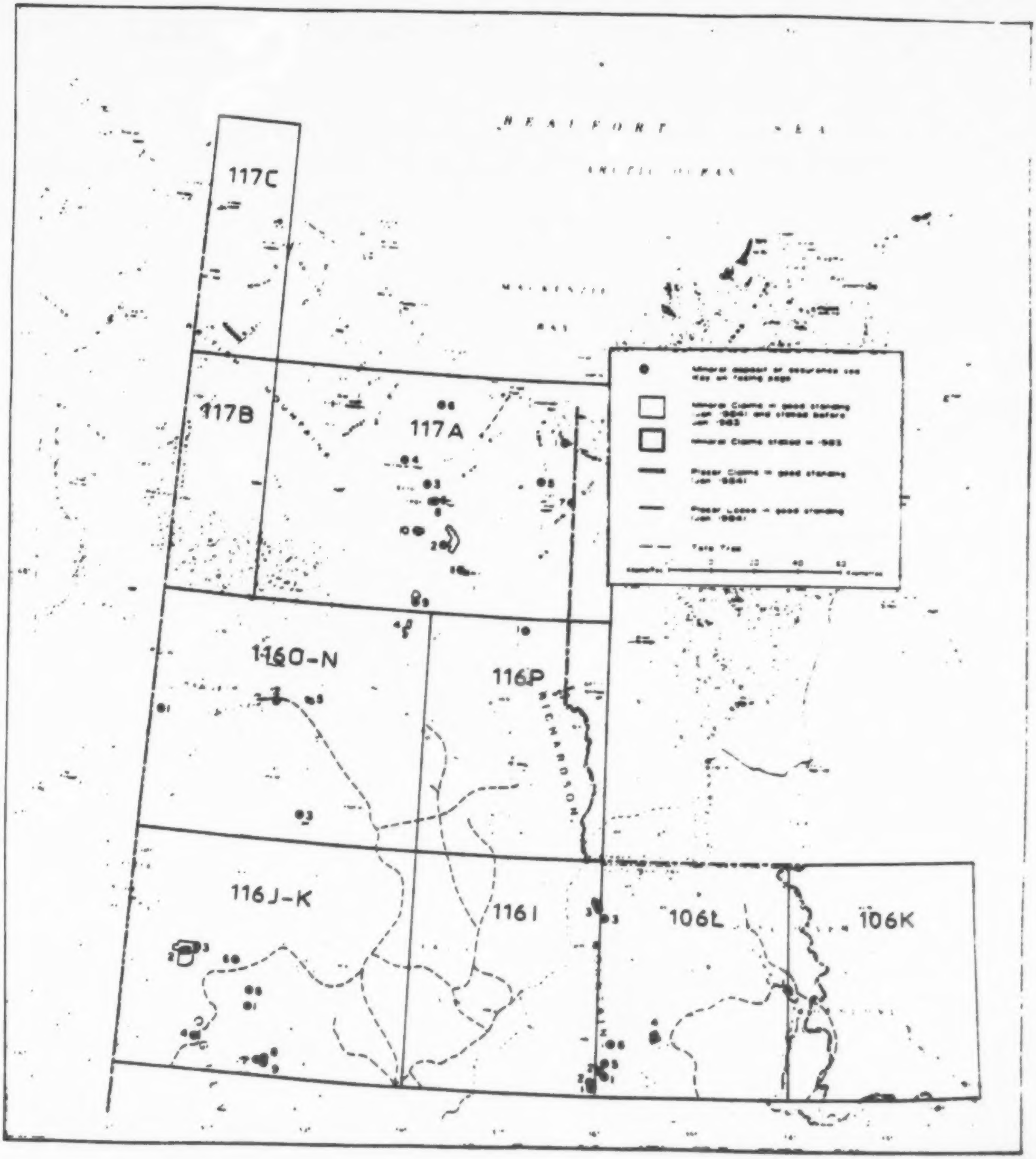
HART RIVER MAP-AREA (NTS 116 H)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1527A by: D.K. Norris, 1982b.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	CUNG	Vein Cu	116 H 7	7	Sinclair et al (1975, p. 69-70)
2	JANE	Work Target	116 H 6	9	Sinclair et al (1976, p. 75); D.I.A.N.D. (1982, p. 247); D.I.A.N.D. (1983, p. 231)
3	CYLINDER	Work Target	116 H 10	9	Morin et al (1980, p. 24)
4	HEIDI	Vein Ba	116 H 8	7	D.I.A.N.D. (1982, p. 247); D.I.A.N.D. (1983, p. 231)

106 K,L
116 I,J-K,N-O,P
117 A

Preliminary Map Only


BEAUFORT SEA
ARCTIC OCEAN
MACKENZIE BAY
117C
117B
117A
116O-N
116P
RICHARDSON
116J-K
116I
106L
106K
Mineral deposit or occurrence see Key on facing page
Mineral Claims in good standing (Jan 1984) and staked before Jan 1983
Mineral Claims staked in 1983
Placer Claims in good standing (Jan 1984)
Placer Leases in good standing (Jan 1984)
Tote Trail
Kilometres 0 20 40 60 Kilometres

MARTIN HOUSE MAP-AREA (NTS 106 K)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1525A by: D.K. Norris, 1981h.

NO. PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1 CARIBOU BORN	Coal	106 K 5	7	

TRAIL RIVER MAP-AREA (NTS 106 L)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1524A by: D.K. Norris, 1981g.
GSC Open File 875 by: M.P. Cecile, I.F. Hutcheon, V. Gardner, 1982.

NO. PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1 PILON	Stratabound discordant Zn Pb	106 L 4	7	Sinclair *et al* (1975, p. 88-89)
2 TWICE	Stratabound discordant Pb Zn	106 L 4	7	Sinclair *et al* (1975, p. 90-91)
3 TOUCHE	Vein Ba	106 L 12	7	D.I.A.N.D. (1983, p. 233)
4 NOR	Breccia U Cu	106 L 6	7	D.I.A.N.D. (1981, p. 300-301)
5 RAS	Stratabound discordant Pb Zn	106 L 4	9	Sinclair *et al* (1976, p. 78)
6 PETE	Stratabound discordant Pb Zn	106 L 5	7	Sinclair *et al* (1976, p. 79)

EAGLE RIVER MAP-AREA (NTS 116 I)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1523A by: D.K. Norris, 1981.
GSC Open File 875 by: M.P. Cecile, I.F. Hutcheon, V. Gardner, 1982.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	LLOD	Stratabound discordant Zn Pb	116 I 1	7	Sinclair et al (1975, p. 87-88)
2	HARIVAL	Stratabound discordant Zn Pb	116 I 1	7	Sinclair et al (1975, p. 87-88)
3	TOUCHE	Vein Ba	116 I 16, 13	7	D.I.A.N.D. (1983, p. 233-234)

PORCUPINE RIVER MAP-AREA (NTS 116 J-K)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1522A by: D.K. Norris, 1981e.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	PEACH	Stratabound discordant Zn Pb	116 J 5	7	Sinclair et al (1975, p. 81-82)
2	RUSTY SPRINGS	Vein Ag Pb Zn Cu	116 K 8	5	D.I.A.N.D. (1985, p. 288)
3	ALTO	Stratabound concordant Fe	116 K 9	2	Norris (1976, p. 461); This Report
4	BERN	Work Target	116 K 1	9	Sinclair et al (1975, p. 79-81)
5	FISHING BRANCH	Stratabound discordant Zn Pb	116 J 5	7	Sinclair et al (1975, p. 81-82)
6	MOKO	Stratabound discordant Zn Pb	116 J 5	7	Sinclair et al (1975, p. 81-82)
7	WART	Vein	116 J 4	7	Sinclair et al (1975, p. 84)
8	YUM	Stratabound discordant Zn Pb	116 J 3	7	Sinclair et al (1975, p. 83-84)
9	BULLIS	Stratabound discordant Zn Pb	116 J 3	7	Sinclair et al (1975, p. 85)

OLD CROW MAP-AREA (NTS 116 N-O)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1518A by: D.K. Norris, 1981c.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	SUNAGHUN	Skarn W Pb Zn	116 N 7	7	Green and Godwin (1964, p. 18)
2	TACK	Work Target	116 O 12	9	McConnell (1890, p. 127-128)
3	SALEKEN	Stratabound discordant Zn Pb	116 O 3	7	Sinclair et al (1975, p. 85-86)
4	BEAR	Work Target	116 O 16	9	
5	NOR	Work Target	116 O 11	9	

BELL RIVER MAP-AREA (NTS 116 P)

General Reference: GSC Open File 715 by: D.K. Norris, 1980.
GSC Map 1519A by: D.K. Norris, 1981d.

NO.	PROPERTY NAME	OCCURRENCE TYPE	N.T.S.	STATUS	REFERENCE
1	NORRIS	Coal	116 P 15	7	Norris (1974, p. 348)

BLOW RIVER MAP-AREA (NTS 117 A)

General Reference: GSC Map 1516A by: D.K. Norris, 1981b.

NO.	PROPERTY NAME	OCCURRENCE	N.T.S.	STATUS	REFERENCE
1	MOOSE CHANNEL	Coal	117 A 9	7	Bostock (1953, p. 30)
2	BONNET	Coal	117 A 7	7	Jeletsky (1960)
3	HOIDAHL	Occurrence Mo W	117 A 11	7	Vokes (1963)
4	WELCOME	Coal	117 A 11	7	Bostock (1953, p. 26)
5	RAPID	Stratabound concordant Fe	117 A 9	7	Young (1972, p. 232)
6	SHINGLE	Coal	117 A 14	7	Norris (1972, p. 97)
7	STRADDLE	Stratabound concordant Fe	117 A 8	7	Young (1972, p. 232)
8	MAM	Skarn U W Mo	117 A 6	7	D.I.A.N.D. (1981, p. 304)
9	NET	Work Target	117 A 3 116 O 16	9	Morin *et al* (1979, p. 58)
10	BOU	Work Target	117 A 6	9	Morin *et al* (1979, p. 58)
11	LIN	Work Target	117 A 2	9	Morin *et al* (1980, p. 31)

ALTO
Kenton Natural Resources Corp.

116 K 8,9 (3)
(66°30'N,139°22'W)

Claims 1985: RIO 1-3

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INDEX OF ACQUISITIONS OF H.S. BOSTOCK CORE LIBRARY

The H.S. Bostock Core Library houses over 100,000 metres of diamond drill core from 115 Yukon properties. The facility is located across the street from the Northern Affairs building at 200 Range Road. The core is stored in its original boxes, with no sample reduction. Confidentiality is maintained on the same basis as mineral claim assessment reports; a letter of release from the company owning the property must accompany a request to view confidential core. Status of specific core can be checked and arrangements to view, or submit new core can be made by contacting the core librarian at 667-3204. Diamond saws, a core splitter and microscopes are available for use in heated examination rooms.

The following is a list of the properties now represented in the library. Location of the properties can be found by referring to N.T.S. maps and lists in this volume.

N.T.S.	MAP LIST NO.	PROPERTY AND/OR CLAIM NAME	COMPANY
94 K	(B.C.)	DRIFTPILE CREEK	Archer, Cathro and Associates (1981) Ltd. (Gataga J.V.)
94 L	(B.C.)	DRIFTPILE CREEK	Archer, Cathro and Associates (1981) Ltd. (Gataga J.V.)
95 D 5	(3)	MCMILLAN (QUARTZ LAKE)	Asarco Exploration of Canada
95 D 5, 12	(3)	MCMILLAN (QUARTZ LAKE)	Noranda Exploration Co., Ltd.
95 D 5, 12	(8)	PORKER	Archer, Cathro and Associates (1981) Ltd. (Hyland J.V.)
95 D 6	(2)	MEL-HOSER	Sovereign Metals Ltd.
104 M 1 (B.C.)		HOBOE CREEK	Noranda Exploration Co., Ltd.
105 A 7, 10	(6)	HUNDERE	Canadian Mine Services, Cima Resources
105 B 1	(3)	LUCK (A & B)	Serem Resources
105 B 1	(4)	FIDDLER	Amex of Canada Ltd.
105 B 4	(54)	CAN	Cominco Ltd.
105 B 7	(17)	NITE	Archer, Cathro and Associates (1981) Ltd. (Wolf Lake J.V.)
105 B 11	(35)	IRVINE (RANCHERIA)	Hudson Bay Exploration and Development Co. Ltd.
105 C 8, 9	(2)	BAR (SMEG)	Comox Resources Ltd.
105 C 13	(6)	RED MOUNTAIN	Boswell River Mines
105 C 14	(17)	LINDSAY	J. LINDSAY
105 D 1	(1)	JUBILEE	Golden Slipper Resources, Logan Mines Ltd.
105 D 2	(9)	BIG THING (ARCTIC)	Arctic Gold and Silver Mine
105 D 2	(9)	BIG THING (ARCTIC) (PEERLESS)	International Mine Services
105 D 2	(5)	VENUS	Venus Mines Ltd.
105 D 3	(28)	MT. ANDERSON	Noranda Exploration Co. Ltd.
105 D 4	(105)	RAM	Inco Metals Co.
105 D 10, 11	(49)	WHITEHORSE COPPER (VALERIE)	Whitehorse Copper Mines Ltd.
105 D 11	(49)	WHITEHORSE COPPER (LAST CHANCE)	Hudson Bay Exploration and Development Co. Ltd.

105 D 11	(49)	WHITEHORSE COPPER (WAR EAGLE)	Hudson Bay Exploration and Development Co. Ltd.
105 D 11		WHITEHORSE POWER DAM	Northern Canadian Power Commission
105 D 11	(53)	POLAR	M. Nichiporick
105 D 14	(147)	BEE	Silver Sabre Resources
105 D 14	(79)	SUITS (KING LAKE)	United Keno Hill Mines Ltd.
105 F 3		QUIET LAKE	J. Lindsay
105 F 6	(72, 73)	HIDDEN, AYDUCK	Archer, Cathro and Associates (1981) Ltd. (Cub J.V.)
105 F 10, 7	(75)	GULL (SEAGULL, MAT)	Dupont of Canada Exploration
105 G 2	(24)	FYRE (DUB)	Atlas Exploration
105 G 3	(4)	TINTINA (EAGLE)	Tintina Silver
105 G 6	(55)	BOOT	Archer, Cathro and Associates (1981) Ltd. (Chevron Canada)
105 G 6	(69)	CYR	Newmont Exploration
105 G 6	(13)	SANDERS (MARMOT)	Archer, Cathro and Associates (1981) Ltd. (Chevron Canada)
105 G 7	(21)	PACK	Conwest Exploration Ltd.
105 G 8	(44)	FETISH	Archer, Cathro and Associates (1981) Ltd. (Finlayson J.V.)
105 G 11	(58)	EAGLE (FRED) (BEV)	Hudson Bay Exploration and Development Co. Ltd.
105 G 14	(68)	LEACH	Dupont of Canada Exploration
105 G 14	(42)	ELECTRIC (SHALE)	Pelly Banks Syndicate
105 H 5	(55)	JULIA	Esso Minerals Canada
105 H 8	(50)	SUSAN	Union Carbide
105 I 12	(13)	ABBEY	Archer, Cathro and Associates (1981) Ltd. (Itsi J.V.)
105 K 1	(1)	TENAS	Dupont of Canada Exploration
105 K 2	(88)	GREW CREEK (CANYON)	Hudson Bay Exploration and Development Co. Ltd.
105 K 3	(6)	LYN	Cyprus Exploration
105 K 3	(6)	LYN (PUG)	J. Graham
105 K 3	(5)	FARGO (SUNSET)	Welcome North Mines
105 K 6		ROSE CREEK	Cyprus Anvil Mines Ltd.
105 K 11	(44)	KEGLOVIC (HAL)	Northern Homestake
105 L 8	(20)	FELIX	Union Carbide
105 L 14	(30)	TUM	Cominco Ltd.
105 M 14	(20)	EAGLE	Archer, Cathro and Associates (1981) Ltd. (Brameda Resources)
105 O 1	(1)	TOM	Hudson Bay Exploration and Development Co. Ltd.
105 O 1	(28)	ESS	Archer, Cathro and Associates (1981) Ltd. (Itsi J.V.)
105 O 1	(29)	FETCH	Inco Metals Co.
105 O 2	(17)	TEA (BROCK)	5494 Yukon Ltd.
105 B 4	(4)	BIRKELAND (TOM)	McIntyre Mines Ltd.
105 B 15, 16	(N.W.T.)	GAYNA RIVER	Rio Tinto
105 C 7	(19)	GOZ CREEK	Barrier Reef Resources
106 C 7	(20)	HARRISON	Great Plains Development
106 C 13	(6)	FAIRCHILD	Magni Mana Cement
106 C 14	(10)	MAMMOTH (DOLORES CREEK)	Bonnet Plume River Mines
106 C 14	(71)	PTERO	Archer, Cathro and Associates (1981) Ltd. (Ogilvie J.V.)
106 C 15, 16	(48)	CAB	Welcome North Mines

106 D 10	(48)	BOND	Archer, Cathro and Associates (1981) Ltd. (Wernecke J.V.)
106 D 16	(37)	PAGISTEEL	Pacific Giant Steel
106 E 1, 2	(17, 6)	OTIS, IGOR	Archer, Cathro and Associates (1981) Ltd. (Ogilvie J.V.)
106 E 2	(4)	FLUNK	Archer, Cathro and Associates (1981) Ltd. (Ogilvie J.V.)
106 E 3	(5)	FORSTER (MST)	Archer, Cathro and Associaes (1981) Ltd. (Ogilvie J.V.)
106 E 6	(9)	BONNET PLUME	Pan Ocean Oil
114	(B.C.)	PANTHER	Canex Placer
114 P 7, 8	(B.C.)	CANDY MOUNTAIN	Noranda Exploration Co. Ltd.
114 P 10	(B.C.)	PARTON RIVER	Noranda Exploration Co. Ltd.
114 P 15	(B.C.)	MULE CREEK	Noranda Exploration Co. Ltd.
115 A 3	(1)	JACKPOT	Jackpot Copper
115 A 8	(17)	DEVILHOLE? (GREEN EAGLE, JOY)	Phelps Dodge
115 F 15	(33)	CANALASK (MICRO)	P. Versluce
115 F 15, 16	(33)	CANALASK (MICRO)	Canalask Nickel Syndicate
115 G 5	(18)	WELLGREEN (QUILL CREEK)	Hudson Bay Exploration and Development Co. Ltd.
115 G 5	(18)	WELLGREEN	Hudson Bay Exploration and Development Co. Ltd.
115 G 6	(12)	CORK	Imperial Oil
115 H 2	(12)	AISHIHIK	Hudson Bay Exploration and Development Co. Ltd.
115 H 8, 105 E 5	(8)	DIVISION	Arjay Kirker Resources
115 H 8	(8)	DIVISION (TESLIN)	Teslin Exploration
115 H 9	(4)	MACK'S	A. Arsenault, P. Versluce
115 H 12, 5	(16)	SEKULMUN	M. Nichiporick
115 H 15	(19)	BUFFALO (TAH)	Noranda Exploration Co. Ltd.
115 I 1	(3)	TANTALUS BUTTE	Tantalus Butte
115 I 3	(40)	MT. NANSEN	Area Explorations
115 I 5	(23)	CASH	Archer, Cathro and Associates (1981) Ltd. (Klotassin J.V.)
115 I 5	(21)	FROG (LILYPAD)	Archer, Cathro and Associates (1981) Ltd. (Ukon J.V.)
115 I 6	(26, 64)	REVENUE, NUCLEUS	Archer, Cathro and Associates (1981) Ltd. (Nat. J.V.)
115 I 6	(34)	LAFORMA	Rayrock Mines
115 I 6	(63)	DART	Noranda Exploration Co., Ltd.
115 I 7	(36)	GRANITE MOUNTAIN (MARCH)	Archer, Cathro and Associates (1981) Ltd. (Dawson Range J.V.)
115 I 7	(5)	WILLIAMS CREEK	Archer, Cathro and Associates (1981) Ltd.
115 I 11	(14)	MINTO	United Keno Hill Mines Ltd.
115 I 13	(51)	KERR? (WON)	Kerr Addison Mines Ltd.
115 I 14	(17)	PELLY (PELLY, DARY)	Occidental Petroleum
115 O 11	(25)	MCKINNON (MAC, FOX)	McKinnon Rand Resources
115 O 14	(90)	DAWSYND	Arbor Resources Inc.
115 P 13	(13)	CLEAR CREEK (URA)	Beach Gold Mines
115 P 14	(42)	ZETA	Noranda Exploration Co., Ltd.
116 B 3, 2, 115 O 14, 15	(4)	UNEXPECTED	Archer, Cathro and Associates (1981) Ltd.
116 B 7	(91)	MAIDEN (TING)	Archer, Cathro and Associates (1981) Ltd.

116 B 7	(78)	MARN	Noranda Exploration Co., Ltd.
116 B 8, 11	(95)	OD (OD, LALA)	Union Miniere
116 B 9, 10	(86)	TAK	Noranda Exploration Co., Ltd.
116 B 11	(99)	GULCH (RACKLA)	Chevron Standard Ltd.
116 C 7	(17)	CLINTON CREEK	Cassiar Asbestos
116 C 8	(27)	CASSIAR CREEK (SUBMARINE)	Noranda Exploration Co., Ltd.
116 G 1	(8)	MILCH (KAREN)	Milchem Canada

EMR EXPLORATION ACTIVITY STATISTICS

(Dollar Values in 000's)

DISTRIBUTION BY TYPE OF WORK	YUKON	CANADA
Surface Drilling		
Metres	68,221	1,764,646
Cost	$ 6,110	$130,004
Surveys - Other Field Costs		
Geochemistry	$ 1,245	$ 15,780
Geology	1,880	37,668
Ground Geophysical	334	21,159
Airborne Geophysical	227	6,112
Miscellaneous	5,531	137,795
Total Field Cost	$18,463	$348,518

DISTRIBUTION BY COMMODITIES	YUKON	CANADA
Base Metals	$ 3,726	$ 93,596
Precious Metals	13,771	189,807
Ferrous Metals	203	7,487
Uranium	55	34,054
Miscellaneous	364	3,486
Non-Metals	1	7,218
Coal	0	8,972
General Exploration	343	3,898
Total	$18,463	$348,518

DISTRIBUTION OF SURFACE DRILLING BY COMMODITIES (metres)	YUKON	CANADA
Base Metals	8,301	412,546
Precious Metals	58,031	975,336
Ferrous Metals	163	10,465
Uranium	0	207,908
Miscellaneous	1,726	12,047
Non-Metals	0	25,330
Coal	0	120,966
Total	68,221	1,764,646

DISTRIBUTION BY TYPE OF COMPANY	YUKON	CANADA
Canadian Producers	$12,336	$150,061
Affiliates of Canadian Producers	1,186	48,452
Oil Companies	972	17,408
Foreign Companies (Excluding Oil Co.)	1,907	36,771
Canadian Government Agencies (Excluding Canadian Producers)	0	29,736
Others (Mainly Junior Mining Co.)	2,997	66,090
Total	$18,463	$348,518

Statistics compiled by Department of Energy, Mines and Resources from company submissions.

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